

# Converting Colors

XYZ(76.4164, 81.8858, 92.7779)

Have a look what the booklet for  
XYZ(76.4164, 81.8858, 92.7779)  
contains.

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# Color

**XYZ(76.1923, 81.5973,  
92.6230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1EBEE
RGB	225, 235, 238
RGB Percent	88%, 92%, 93%
CMY	0.1176, 0.0784, 0.0667
CMYK	0.05, 0.01, 0.00, 0.07
HSL	194°, 28%, 91%
HSV	194°, 5%, 93%
XYZ	76.1923, 81.5973, 92.6230
YIQ	232.3520, -6.9230, -1.1870

# Conversions

## Conversions Part 2

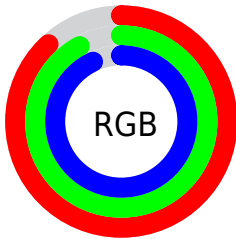
Format	Color
R <sub>Y</sub> B	225, 231, 238
Decimal	14805998
CIE Lab	92.40, -2.75, -2.61
CIE LCh	92, 3.796, 223.481
Yxy	81.5973, 0.3043, 0.3259
Android (android.graphics.Color)	4292996078 (0xFFE1EBEE)
YUV	232.3520, 2.7845, -6.4477
Hunter-Lab	90.3312, -7.5190, 2.4376

# Details

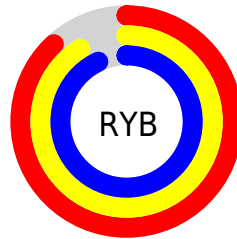
The XYZ color **76.1923, 81.5973, 92.6230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5941, 79.0994, 82.4662**, and the grayscale version is **76.9509, 80.9583, 88.1636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1412, 44.1636, 50.6120** is the 20% darker color. If you saturate the color by 10%, you get **67.7379, 74.9455, 91.7859**, and if you desaturate by 10%, it is **85.7340, 88.8861, 93.5282**.

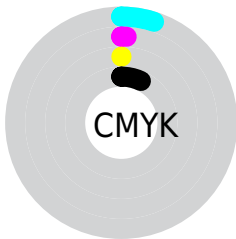
# Distribution



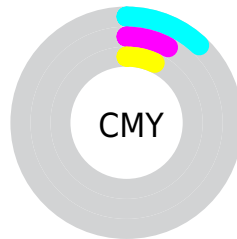
- Red (88%)
- Green (92%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1923, 81.5973, 92.6230 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.1923, 81.5973, 92.6230 by changing the saturation by 10% instead.



■ 76.1923, 81.5973,  
92.6230

■ 76.1923, 81.5973,  
92.6230

470.9400,  
500.2997, 557.3157

■ 56.8878, 61.0337,  
69.5723

126.9776,  
135.6091, 152.9437

■ 41.1550, 44.2523,  
50.7033

159.1891,  
169.8261, 191.0508

■ 28.6284, 30.8689,  
35.5974

196.4337,  
209.3630, 235.0138

■ 18.9428, 20.4991,  
23.8362

239.0767,  
254.6042, 285.2512

■ 11.7327, 12.7583,  
15.0011

287.4835,  
305.9340, 342.1815

■ 6.6328, 7.2623,  
8.6735

342.0194,

■ 3.2778, 3.6267,

363.7370, 406.2234

4.4350

403.0498,  
428.3974, 477.7953

■ 1.3023, 1.4670,  
1.8669

■ 0.1850, 0.2653,  
0.4715

■ 76.1923, 81.5973,  
92.6230

■ 76.1923, 81.5973,  
92.6230

■ 67.7379, 74.9455,  
91.7859

■ 85.7340, 88.8861,  
93.5282

■ 60.3209, 68.8974,  
91.0094

■ 89.6214, 93.3302,  
94.1811

■ 53.8976, 63.4323,  
90.2931

■ 91.3144, 96.7163,  
94.7455

■ 48.4186, 58.5239,  
89.6345

■ 92.4329, 98.9531,  
95.1183

■ 43.8301, 54.1438,  
89.0309

■ 40.0724, 50.2608,  
88.4794

■ 37.0784, 46.8393,  
87.9768

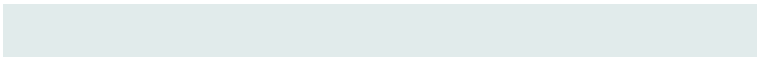
■ 34.7700, 43.8385,  
87.5193

■ 33.0507, 41.2080,  
87.1021

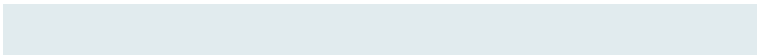
# Harmonies

## Analogous

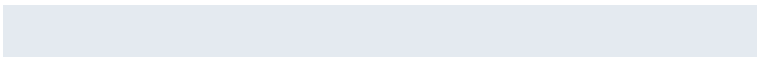
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7321, 81.5973, 90.1136



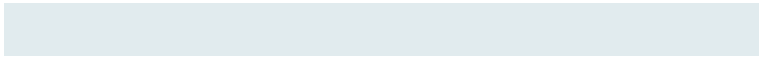
76.1923, 81.5973, 92.6230



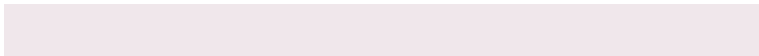
77.0196, 81.5973, 94.1374

# Triad

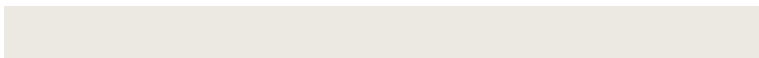
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1923, 81.5973, 92.6230



79.3822, 81.5973, 90.3937



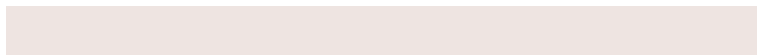
77.1160, 81.5973, 83.6846

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



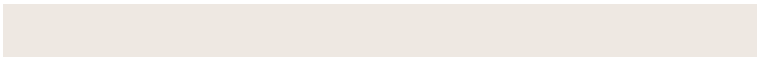
76.1923, 81.5973, 92.6230



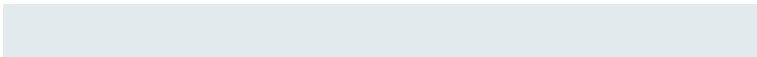
76.5941, 79.0994, 82.4662

# Split Complementary

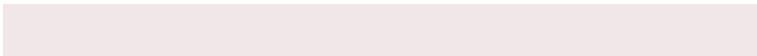
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0945, 81.5973, 83.7559



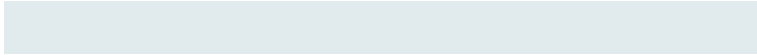
76.1923, 81.5973, 92.6230



79.4085, 81.5973, 87.5895

# Square

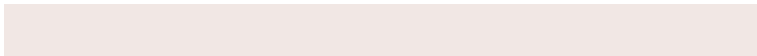
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1923, 81.5973, 92.6230



78.8638, 81.5973, 92.8318



78.9354, 81.5973, 85.1723



76.2623, 81.5973, 84.9752

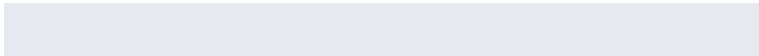


# Rectangle

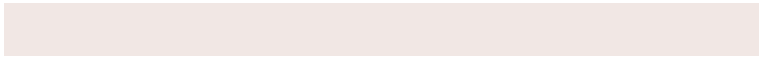
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



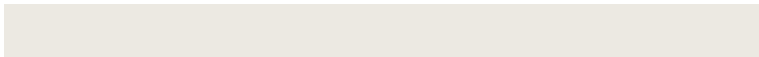
76.1923, 81.5973, 92.6230



77.6706, 81.5973, 94.3594



78.9354, 81.5973, 85.1723



77.4411, 81.5973, 83.5509

# Sweetspot

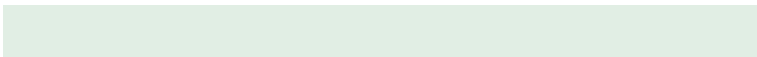
The Sweet Spot groups the original color and five complimentary colors.



76.1946, 81.6008, 92.6248



92.8247, 98.2978, 108.6887



75.6053, 82.7492, 85.2541



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

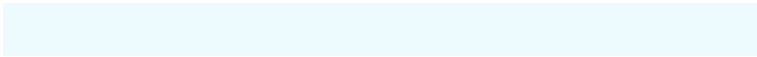


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1946, 81.6008, 92.6248



87.4867, 94.1735, 108.1740



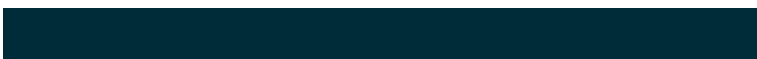
74.4170, 78.0455, 92.0322



16.2803, 17.5565, 20.2523



18.1767, 22.5777, 48.5278



1.5863, 2.0267, 4.0618



# Inverse Universe

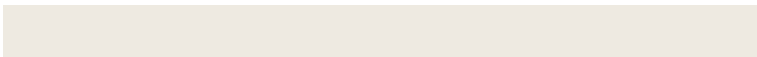
The Inverse Universe completely reimagines the original color for something new.



77.1823, 78.0273, 89.5942



88.9622, 88.8731, 103.6380



78.3648, 82.6408, 83.0564



16.5778, 16.4903, 19.3368



24.5004, 12.0726, 26.3493

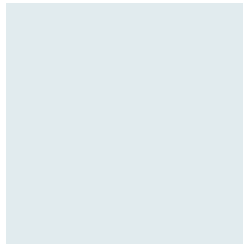


2.0757, 1.0193, 2.3893



# Previews

## White Background



This preview shows how the XYZ color 76.1923, 81.5973, 92.6230 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

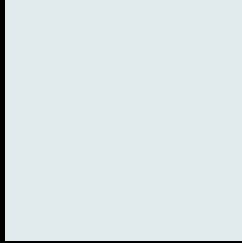
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.1923, 81.5973, 92.6230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

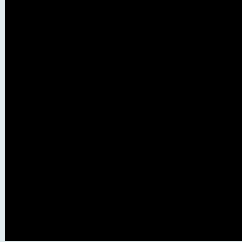
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

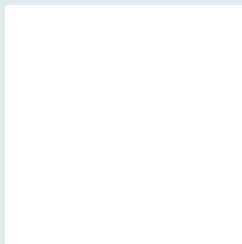
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 76.1923, 81.5973, 92.6230

## Background



This preview shows how black text looks on a background with the XYZ color 76.1923, 81.5973, 92.6230.



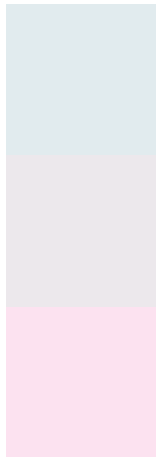
This preview shows how white text looks on a background with the XYZ color 76.1923, 81.5973,

92.6230.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

76.1923, 81.5973, 92.6230

### Protanopia

78.5890, 81.6022, 90.9656

### Deuteranopia

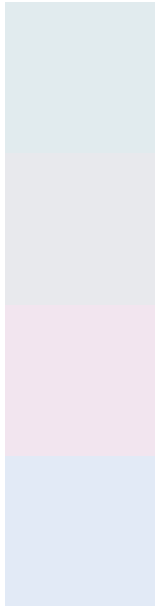
83.0694, 81.3794, 93.7676



## Tritanopia

78.2301, 81.5738, 102.8889

# Trichromacy



## Original Color

76.1923, 81.5973, 92.6230

## Protanomaly

77.7037, 81.5481, 91.7657

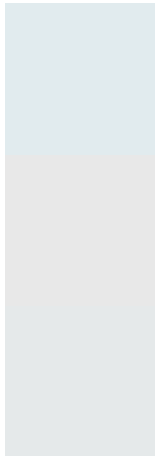
## Deuteranomaly

80.2172, 81.1479, 93.0966

## Tritanomaly

77.4214, 81.6682, 98.8718

# Monochromacy



## Original Color

76.1923, 81.5973, 92.6230

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

76.3033, 80.8764, 89.4310

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.1923, 81.5973, 92.6230 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(225, 235, 238) looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 76.1923, 81.5973, 92.6230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 235, 238) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 235, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.1923, 81.5973, 92.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
235, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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