

# Converting Colors

XYZ(76.3963, 82.0692, 92.0501)

Have a look what the booklet for  
XYZ(76.3963, 82.0692, 92.0501)  
contains.

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# Color

**XYZ(76.3329, 82.1129,  
91.9470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1ECED
RGB	225, 236, 237
RGB Percent	88%, 93%, 93%
CMY	0.1176, 0.0745, 0.0706
CMYK	0.05, 0.00, 0.00, 0.07
HSL	185°, 25%, 91%
HSV	185°, 5%, 93%
XYZ	76.3329, 82.1129, 91.9470
YIQ	232.8250, -6.8770, -2.0210

# Conversions

## Conversions Part 2

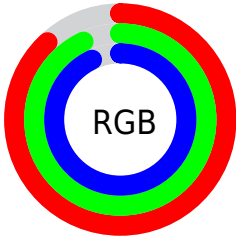
Format	Color
R <sub>Y</sub> B	225, 231, 237
Decimal	14806253
CIE Lab	92.62, -3.45, -1.76
CIE LCh	93, 3.872, 206.984
Yxy	82.1129, 0.3049, 0.3279
Android (android.graphics.Color)	4292996333 (0xFFE1ECED)
YUV	232.8250, 2.0583, -6.8625
Hunter-Lab	90.6162, -8.2142, 3.2706

# Details

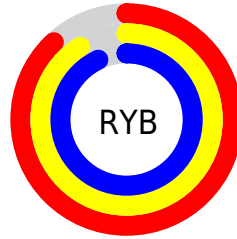
The XYZ color **76.3329, 82.1129, 91.9470** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.7124, 77.8329, 82.2683**, and the grayscale version is **77.3112, 81.3374, 88.5765**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2393, 44.5248, 50.1367** is the 20% darker color. If you saturate the color by 10%, you get **68.8884, 77.4410, 91.4388**, and if you desaturate by 10%, it is **84.8138, 87.3330, 92.5088**.

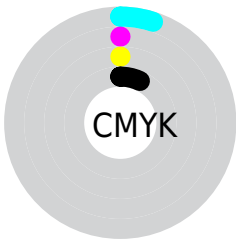
# Distribution



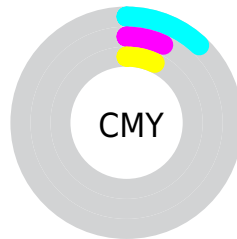
- Red (88%)
- Green (93%)
- Blue (93%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3329, 82.1129, 91.9470 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 76.3329, 82.1129, 91.9470 by changing the saturation by 10% instead.



■ 76.3329, 82.1129,  
91.9470

■ 76.3329, 82.1129,  
91.9470

471.4134,  
502.0253, 555.0769

■ 57.0035, 61.4586,  
69.0138

127.1752,  
136.3323, 151.9990

■ 41.2482, 44.5954,  
50.2511

159.4189,  
170.6662, 189.9549

■ 28.7016, 31.1388,  
35.2404

196.6980,  
210.3288, 233.7554

■ 18.9984, 20.7046,  
23.5631

239.3780,  
255.7044, 283.8192

■ 11.7731, 12.9082,  
14.8006

287.8242,  
307.1775, 340.5647

■ 6.6605, 7.3654,  
8.5345

342.4019,

■ 3.2951, 3.6916,

365.1324, 404.4104

4.3462

403.4765,  
429.9535, 475.7750

■ 1.3117, 1.5026,  
1.8171

■ 0.1919, 0.2906,  
0.4392

■ 76.3329, 82.1129,  
91.9470

■ 76.3329, 82.1129,  
91.9470

■ 68.8884, 77.4410,  
91.4388

■ 84.8138, 87.3330,  
92.5088

■ 62.4314, 73.2850,  
90.9770

■ 87.6690, 89.6599,  
92.8075

■ 56.9192, 69.6253,  
90.5611

■ 88.2513, 90.8244,  
93.0016

■ 52.3035, 66.4370,  
90.1890

■ 88.8398, 92.0016,  
93.1978

■ 48.5316, 63.6928,  
89.8581

■ 89.4347, 93.1913,  
93.3961

■ 45.5452, 61.3627,  
89.5658

■ 90.0359, 94.3938,  
93.5965

■ 43.2786, 59.4128,  
89.3088

■ 90.6435, 95.6089,  
93.7990

■ 41.6555, 57.8036,  
89.0838

■ 91.2575, 96.8368,  
94.0037

■ 40.5819, 56.4868,  
88.8862

■ 91.8778, 98.0775,  
94.2104

# Harmonies

## Analogous

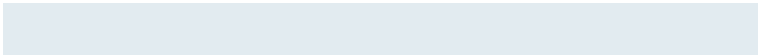
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1280, 82.1129, 89.1155



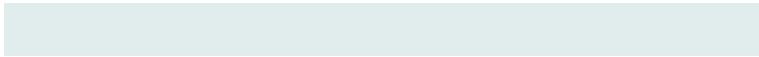
76.3329, 82.1129, 91.9470



76.9955, 82.1129, 94.1383

# Triad

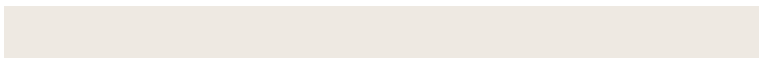
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3329, 82.1129, 91.9470



79.6809, 82.1129, 92.4630



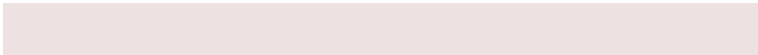
78.1478, 82.1129, 83.9824

# Complementary

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



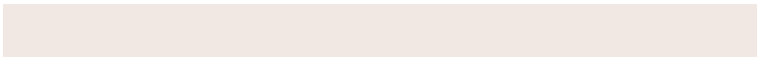
76.3329, 82.1129, 91.9470



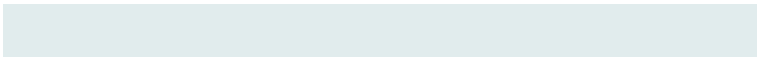
75.7124, 77.8329, 82.2683

# Split Complementary

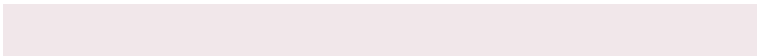
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1057, 82.1129, 84.8369



76.3329, 82.1129, 91.9470



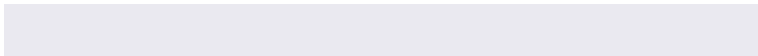
79.9956, 82.1129, 89.6991

# Square

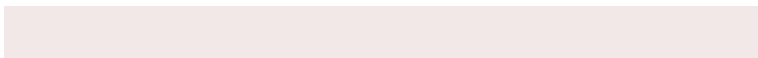
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3329, 82.1129, 91.9470



78.9278, 82.1129, 94.4407



79.7842, 82.1129, 86.9142



77.1705, 82.1129, 84.5554

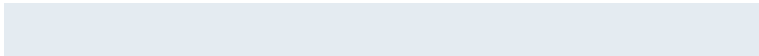


# Rectangle

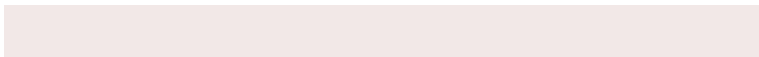
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



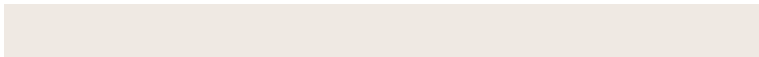
76.3329, 82.1129, 91.9470



77.6105, 82.1129, 94.9199



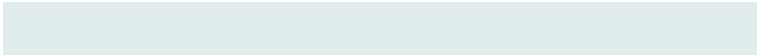
79.7842, 82.1129, 86.9142



78.4828, 82.1129, 84.1118

# Sweetspot

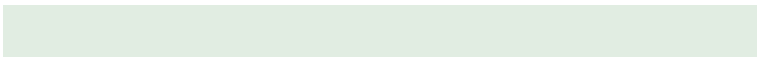
The Sweet Spot groups the original color and five complimentary colors.



76.3352, 82.1164, 91.9488



93.0636, 98.7757, 108.7684



75.0369, 82.0573, 83.6928



19.9403, 21.1549, 23.2823



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

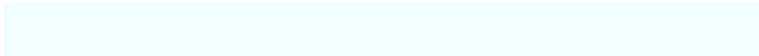


# Same Dimension

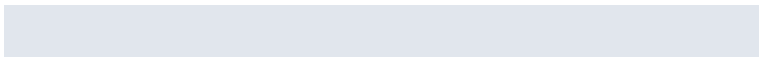
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3352, 82.1164, 91.9488



89.2395, 96.4050, 108.5123



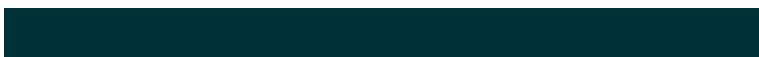
74.6913, 78.8284, 91.4008



15.8631, 17.1821, 19.4026



21.9851, 30.6172, 48.4939



1.7580, 2.4675, 3.8185



# Inverse Universe

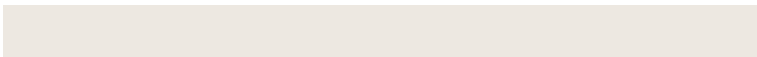
The Inverse Universe completely reimagines the original color for something new.



76.9925, 77.9127, 90.3417



90.1580, 90.5421, 106.2637



77.3173, 81.0429, 82.8033



16.0431, 16.0344, 18.9616



25.9524, 12.5836, 37.1460

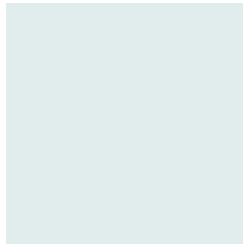


2.0539, 0.9945, 3.0009



# Previews

## White Background



This preview shows how the XYZ color 76.3329, 82.1129, 91.9470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

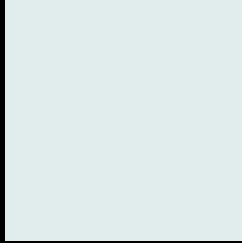
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.3329, 82.1129, 91.9470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

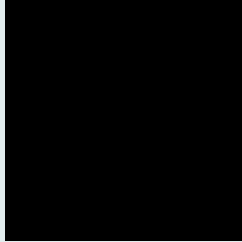
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

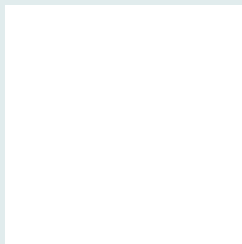
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 76.3329, 82.1129, 91.9470

## Background



This preview shows how black text looks on a background with the XYZ color 76.3329, 82.1129, 91.9470.



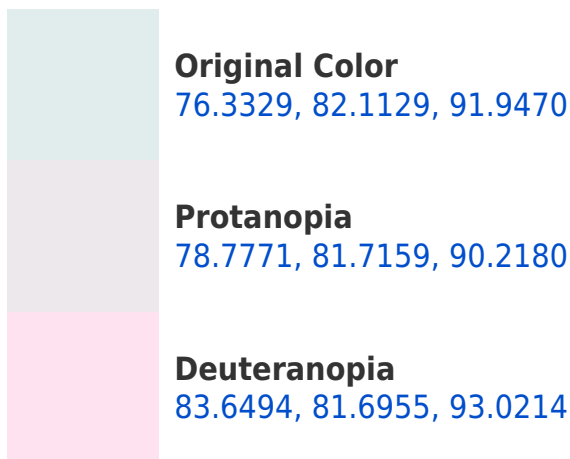
This preview shows how white text looks on a background with the XYZ color 76.3329, 82.1129,

91.9470.

# 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

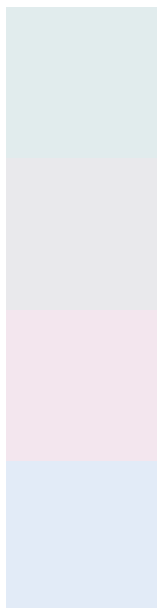




## **Tritanopia**

78.6721, 82.2048, 103.8161

# Trichromacy



## Original Color

76.3329, 82.1129, 91.9470

## Protanomaly

77.8835, 81.6576, 91.0135

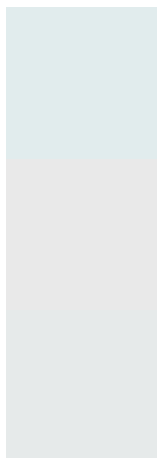
## Deuteranomaly

80.6916, 81.8214, 92.4291

## Tritanomaly

77.8609, 82.3008, 99.7776

# Monochromacy



## Original Color

76.3329, 82.1129, 91.9470

## Achromatopsia

77.4512, 81.4847, 88.7368

## Achromatomaly

76.9072, 81.6091, 89.5406

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.3329, 82.1129, 91.9470 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, 236, 237) looks like.

```
.text, #text, p{  
    color:rgb(225, 236, 237)  
}
```

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, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 236, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 76.3329, 82.1129, 91.9470 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, 236, 237) }
```



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

```
.border{ border-color:rgb(225, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 236,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.3329, 82.1129, 91.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 236, 237) }
```

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

```
.background{ background-color: rgb(225,  
236, 237) }
```

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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