

Converting Colors

XYZ(76.3240, 81.8292, 95.0039)

Have a look what the booklet for
XYZ(76.3240, 81.8292, 95.0039)
contains.

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Color

**XYZ(76.6131, 82.1891,
95.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ECF1
RGB	224, 236, 241
RGB Percent	88%, 93%, 95%
CMY	0.1216, 0.0745, 0.0549
CMYK	0.07, 0.02, 0.00, 0.05
HSL	198°, 38%, 91%
HSV	198°, 7%, 95%
XYZ	76.6131, 82.1891, 95.0452
YIQ	232.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

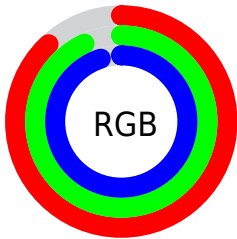
Format	Color
R _Y B	224, 231, 241
Decimal	14740721
CIE Lab	92.66, -3.03, -3.80
CIE LCh	93, 4.858, 231.447
Yxy	82.1891, 0.3018, 0.3238
Android (android.graphics.Color)	4292930801 (0xFFE0ECF1)
YUV	232.9820, 3.9529, -7.8772
Hunter-Lab	90.6582, -7.8057, 1.3017

Details

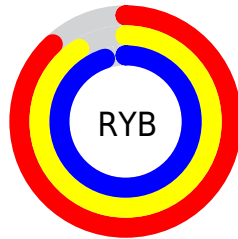
The XYZ color **76.6131, 82.1891, 95.0452** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.7497, 80.1205, 81.8893**, and the grayscale version is **77.4165, 81.4482, 88.6971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4404, 44.5803, 52.3197** is the 20% darker color. If you saturate the color by 10%, you get **67.6684, 74.6125, 94.0555**, and if you desaturate by 10%, it is **86.7020, 90.4802, 96.1151**.

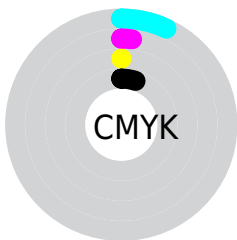
Distribution



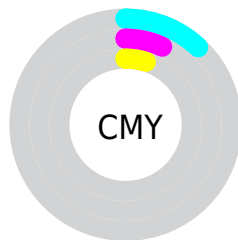
- Red (88%)
- Green (93%)
- Blue (95%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6131, 82.1891, 95.0452 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 76.6131, 82.1891, 95.0452 by changing the saturation by 10% instead.

■ 76.6131, 82.1891,
95.0452

■ 76.6131, 82.1891,
95.0452

472.3561,
502.2800, 565.2977

■ 57.2342, 61.5214,
71.5755

127.5689,
136.4392, 156.3232

■ 41.4342, 44.6461,
52.3273

159.8766,
170.7903, 194.9685

■ 28.8477, 31.1788,
36.8820

197.2245,
210.4714, 239.5095

■ 19.1093, 20.7350,
24.8210

239.9781,
255.8669, 290.3646

■ 11.8538, 12.9304,
15.7260

288.5027,
307.3611, 347.9525

■ 6.7157, 7.3807,
9.1782

343.1637,

■ 3.3297, 3.7013,

365.3384, 412.6916

4.7592

404.3263,
430.1832, 485.0005

■ 1.3304, 1.5079,
2.0504

■ 0.2058, 0.2943,
0.5860

■ 76.6131, 82.1891,
95.0452

■ 76.6131, 82.1891,
95.0452

■ 67.6684, 74.6125,
94.0555

■ 86.7020, 90.4802,
96.1151

■ 59.8157, 67.7153,
93.1381

■ 91.3563, 96.0887,
96.9523

■ 53.0090, 61.4746,
92.2922

■ 92.8774, 99.1310,
97.4594

■ 47.1960, 55.8620,
91.5153

■ 42.3199, 50.8469,
90.8043

■ 38.3177, 46.3953,
90.1560

■ 35.1180, 42.4687,
89.5667

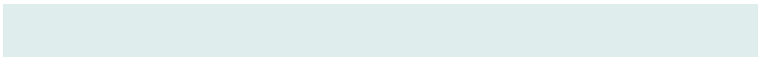
■ 32.6372, 39.0228,
89.0323

■ 30.7681, 36.0004,
88.5475

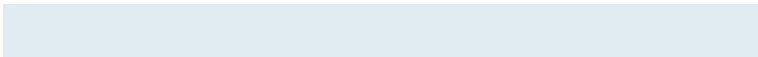
Harmonies

Analogous

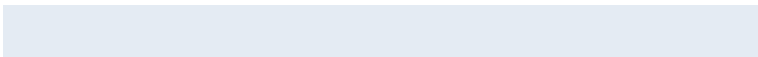
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8776, 82.1891, 92.0595



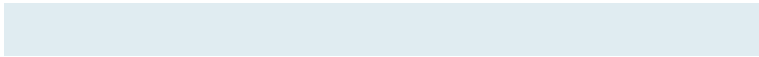
76.6131, 82.1891, 95.0452



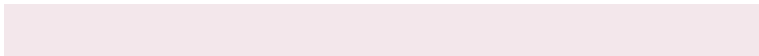
77.7573, 82.1891, 96.5521

Triad

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



76.6131, 82.1891, 95.0452



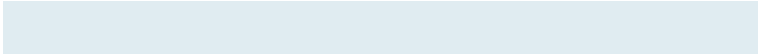
80.5467, 82.1891, 90.5293



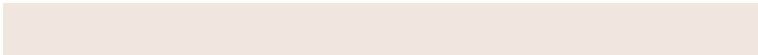
77.2329, 82.1891, 83.1656

Complementary

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



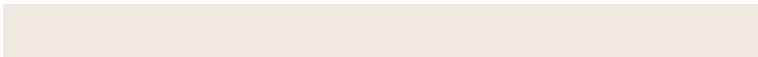
76.6131, 82.1891, 95.0452



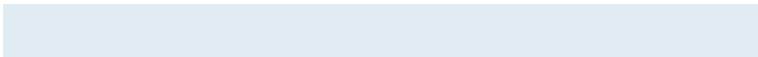
77.7497, 80.1205, 81.8893

Split Complementary

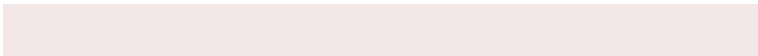
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4804, 82.1891, 82.7809



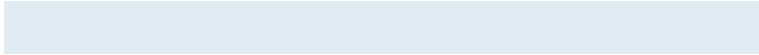
76.6131, 82.1891, 95.0452



80.4026, 82.1891, 86.9686

Square

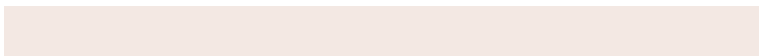
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



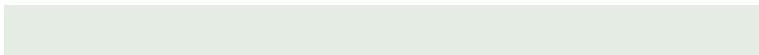
76.6131, 82.1891, 95.0452



80.0347, 82.1891, 93.8991



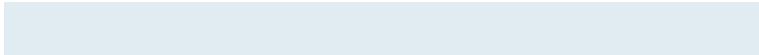
79.6430, 82.1891, 84.1555



76.2327, 82.1891, 85.2210

Rectangle

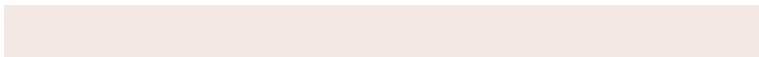
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.6131, 82.1891, 95.0452



78.6017, 82.1891, 96.4879



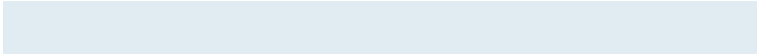
79.6430, 82.1891, 84.1555



77.6369, 82.1891, 82.8389

Sweetspot

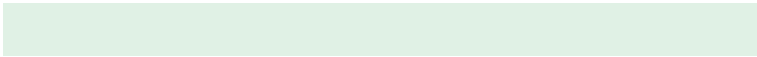
The Sweet Spot groups the original color and five complimentary colors.



76.6155, 82.1926, 95.0470



92.7222, 98.0929, 108.6546



76.3143, 84.4061, 86.2657



19.8708, 21.0160, 23.2591



0.0000, 0.0000, 0.0000



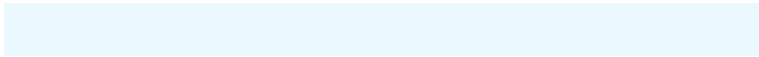
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6155, 82.1926, 95.0470



86.0561, 92.5683, 107.9396



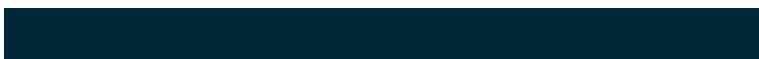
74.2753, 77.5123, 94.2670



15.8322, 17.0986, 20.1875



16.5448, 19.3137, 47.9838



1.4621, 1.7781, 4.0204

Inverse Universe

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



78.0734, 78.0698, 90.3151



87.9335, 87.2877, 101.8398



80.1074, 84.8358, 82.6751



16.2448, 15.9476, 18.8451



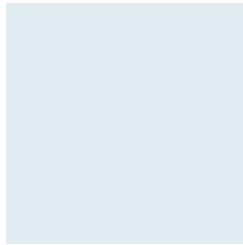
23.6766, 11.7431, 22.0116



2.0129, 0.9942, 2.0589

Previews

White Background



This preview shows how the XYZ color 76.6131, 82.1891, 95.0452 looks on a white background.

Color Contrast Check

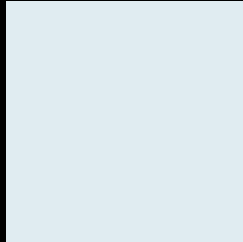
Large Text (above 18pt) WCAG AA × Fail

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 76.6131, 82.1891, 95.0452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

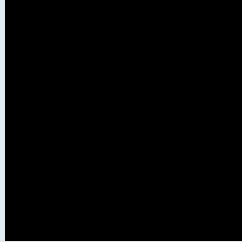
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

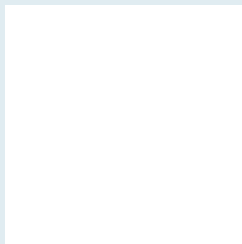
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6131, 82.1891, 95.0452

Background



This preview shows how black text looks on a background with the XYZ color 76.6131, 82.1891, 95.0452.



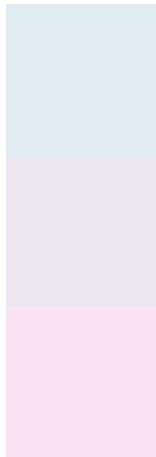
This preview shows how white text looks on a background with the XYZ color 76.6131, 82.1891,

95.0452.

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

76.6131, 82.1891, 95.0452

Protanopia

79.0287, 81.7781, 93.2808

Deuteranopia

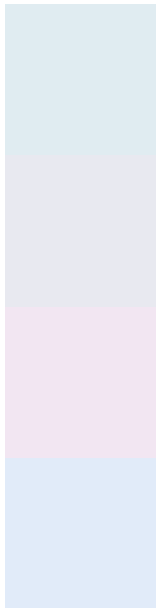
83.7916, 82.1047, 96.2255



Tritanopia

78.5165, 82.1062, 104.6383

Trichromacy



Original Color

76.6131, 82.1891, 95.0452

Protanomaly

78.1458, 81.7249, 94.0938

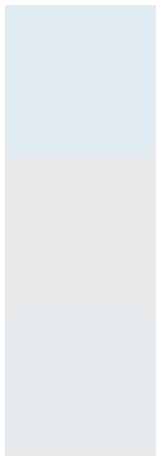
Deuteranomaly

80.9418, 81.8817, 95.5431

Tritanomaly

77.8586, 82.2638, 101.3974

Monochromacy



Original Color

76.6131, 82.1891, 95.0452

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1963, 81.7248, 91.0627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6131, 82.1891, 95.0452 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(224, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 241)  
}
```

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(224, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.6131, 82.1891, 95.0452 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(224, 236, 241) }
```


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

```
.border{ border-color:rgb(224, 236, 241) }
```

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

Here you see how a box with a 4 pixel rgb(224, 236, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6131, 82.1891, 95.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 241) }
```

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

```
.background{ background-color: rgb(224,  
236, 241) }
```

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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