

Converting Colors

XYZ(75.0632, 82.1545, 98.2873)

Have a look what the booklet for
XYZ(75.0632, 82.1545, 98.2873)
contains.

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Color

**XYZ(75.0803, 82.1887,
98.2931)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D7EEF5 |
| RGB | 215, 238, 245 |
| RGB Percent | 84%, 93%, 96% |
| CMY | 0.1569, 0.0666, 0.0392 |
| CMYK | 0.12, 0.03, 0.00, 0.04 |
| HSL | 194°, 60%, 90% |
| HSV | 194°, 12%, 96% |
| XYZ | 75.0803, 82.1887, 98.2931 |
| YIQ | 231.9210, -15.9550, -2.6990 |

Conversions

Conversions Part 2

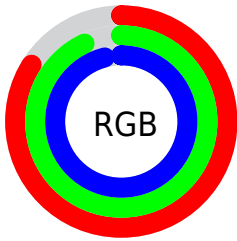
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 215, 228, 245 |
| Decimal | 14151413 |
| CIE Lab | 92.66, -6.15, -5.95 |
| CIE LCh | 93, 8.559, 224.059 |
| Yxy | 82.1887, 0.2938, 0.3216 |
| Android (android.graphics.Color) | 4292341493 (0xFFD7EEF5) |
| YUV | 231.9210, 6.4479, -14.8397 |
| Hunter-Lab | 90.6580, -10.8230, -0.8228 |

Details

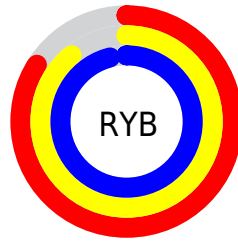
The XYZ color **75.0803, 82.1887, 98.2931** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0437, 76.5611, 75.0613**, and the grayscale version is **76.6065, 80.5960, 87.7690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4105, 44.6036, 54.6236** is the 20% darker color. If you saturate the color by 10%, you get **66.7811, 75.4818, 97.4373**, and if you desaturate by 10%, it is **84.5144, 89.5634, 99.2206**.

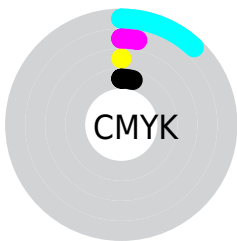
Distribution



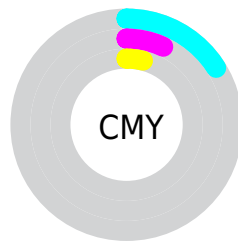
- Red (84%)
- Green (93%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0803, 82.1887, 98.2931 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 75.0803, 82.1887, 98.2931 by changing the saturation by 10% instead.

■ 75.0803, 82.1887,
98.2931

■ 75.0803, 82.1887,
98.2931

467.1865,
502.2787, 575.9061

■ 55.9731, 61.5211,
74.2669

125.4133,
136.4386, 160.8409

■ 40.4183, 44.6458,
54.5144

157.3698,
170.7897, 200.1995

■ 28.0505, 31.1786,
38.6171

194.3402,
210.4707, 245.5061

■ 18.5044, 20.7349,
26.1564

236.6897,
255.8660, 297.1791

■ 11.4146, 12.9303,
16.7139

284.7837,
307.3601, 355.6370

■ 6.4157, 7.3806,
9.8709

338.9876,

■ 3.1425, 3.7012,

365.3373, 421.2985

5.2090

399.6667,
430.1820, 494.5820

■ 1.2296, 1.5079,
2.3095

■ 0.1295, 0.2943,
0.7365

■ 75.0803, 82.1887,
98.2931

■ 75.0803, 82.1887,
98.2931

■ 66.7811, 75.4818,
97.4373

■ 84.5144, 89.5634,
99.2206

■ 59.5615, 69.4070,
96.6452

■ 91.7314, 95.8721,
100.0579

■ 53.3720, 63.9401,
95.9162

■ 93.4817, 99.3727,
100.6414

■ 48.1564, 59.0515,
95.2475

■ 43.8529, 54.7086,
94.6361

■ 40.3923, 50.8749,
94.0785

■ 37.6948, 47.5086,
93.5709

■ 35.6643, 44.5593,
93.1086

■ 34.4354, 42.5000,
92.7759

Harmonies

Analogous

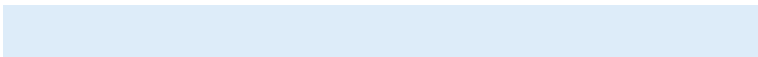
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0365, 82.1887, 92.5023



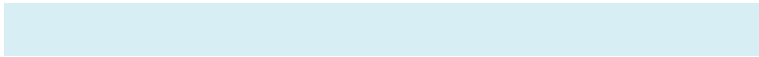
75.0803, 82.1887, 98.2931



76.9475, 82.1887, 101.8095

Triad

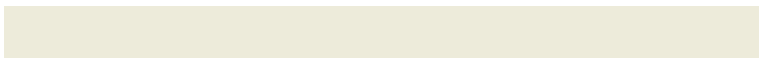
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0803, 82.1887, 98.2931



82.3089, 82.1887, 92.9009



77.0821, 82.1887, 78.1105

Complementary

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



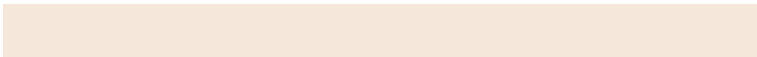
75.0803, 82.1887, 98.2931



76.0437, 76.5611, 75.0613

Split Complementary

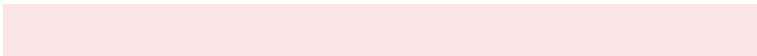
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3001, 82.1887, 78.2058



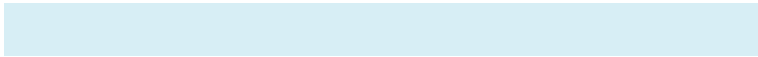
75.0803, 82.1887, 98.2931



82.3466, 82.1887, 86.5429

Square

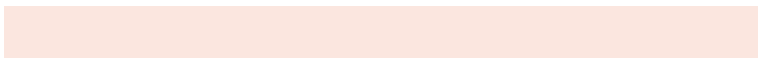
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



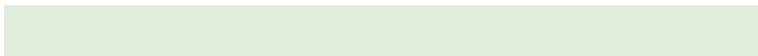
75.0803, 82.1887, 98.2931



81.1342, 82.1887, 98.5968



81.2363, 82.1887, 81.2280



75.1773, 82.1887, 80.9611

Rectangle

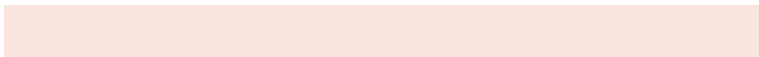
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0803, 82.1887, 98.2931



78.4214, 82.1887, 102.2908



81.2363, 82.1887, 81.2280



77.8152, 82.1887, 77.8034

Sweetspot

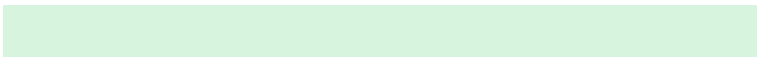
The Sweet Spot groups the original color and five complimentary colors.



75.0827, 82.1921, 98.2949



90.6422, 96.6081, 108.4776



73.7961, 85.0005, 81.2751



19.2287, 20.5444, 23.2020



0.0000, 0.0000, 0.0000



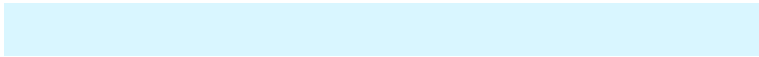
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0827, 82.1921, 98.2949



79.5709, 87.8932, 107.3790



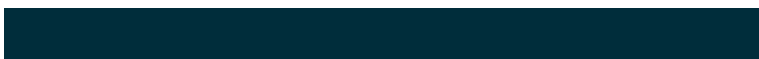
71.0287, 74.0841, 96.9436



16.6499, 18.0642, 21.1518



18.6617, 23.1172, 50.0165



1.7177, 2.1867, 4.4218

Inverse Universe

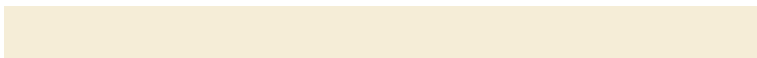
The Inverse Universe completely reimagines the original color for something new.



77.3911, 74.1881, 91.1336



82.6352, 77.4156, 97.8399



80.0629, 84.5995, 76.4010



17.0386, 16.6983, 19.9500



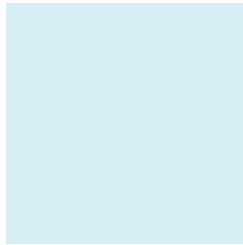
25.2241, 12.4331, 26.9521



2.2561, 1.1084, 2.5748

Previews

White Background



This preview shows how the XYZ color 75.0803, 82.1887, 98.2931 looks on a white background.

Color Contrast Check

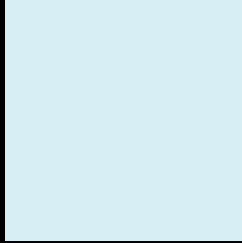
Large Text (above 18pt) WCAG AA × Fail

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 75.0803, 82.1887, 98.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

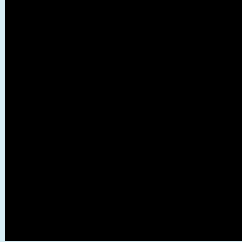
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

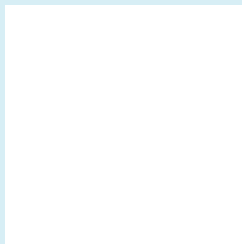
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0803, 82.1887, 98.2931

Background



This preview shows how black text looks on a background with the XYZ color 75.0803, 82.1887, 98.2931.

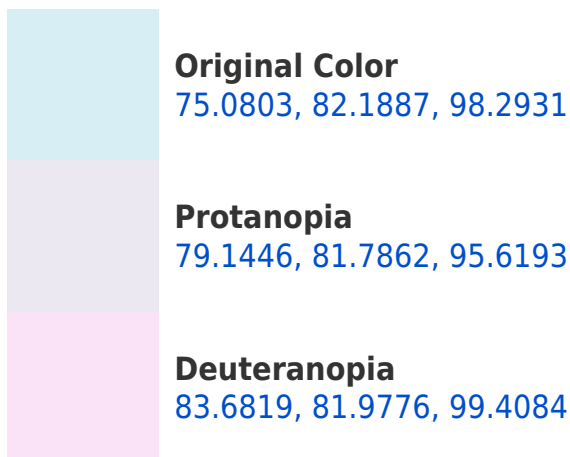


This preview shows how white text looks on a background with the XYZ color 75.0803, 82.1887,

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

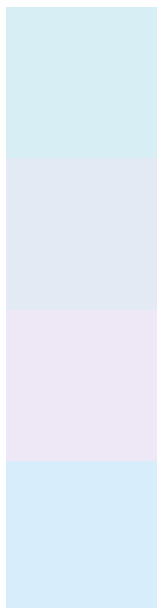




Tritanopia

76.6607, 81.9626, 106.3877

Trichromacy



Original Color

75.0803, 82.1887, 98.2931

Protanomaly

77.5954, 81.8107, 96.4953

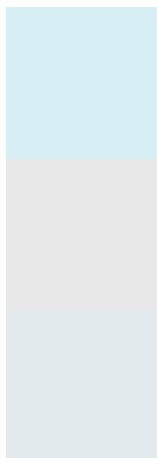
Deuteranomaly

80.1355, 81.8102, 98.7561

Tritanomaly

76.0157, 82.1323, 103.1135

Monochromacy



Original Color

75.0803, 82.1887, 98.2931

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0729, 81.1288, 91.7707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0803, 82.1887, 98.2931 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(215, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 245)  
}
```

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(215, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.0803, 82.1887, 98.2931 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(215, 238, 245) }
```


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

```
.border{ border-color:rgb(215, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0803, 82.1887, 98.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 245) }
```

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

```
.background{ background-color: rgb(215,  
238, 245) }
```

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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