

Converting Colors

XYZ(77.4603, 84.2849, 98.5722)

Have a look what the booklet for
XYZ(77.4603, 84.2849, 98.5722)
contains.

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Color

**XYZ(77.4603, 84.2849,
98.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF0F5
RGB	221, 240, 245
RGB Percent	87%, 94%, 96%
CMY	0.1333, 0.0588, 0.0392
CMYK	0.10, 0.02, 0.00, 0.04
HSL	192°, 55%, 91%
HSV	192°, 10%, 96%
XYZ	77.4603, 84.2849, 98.5722
YIQ	234.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

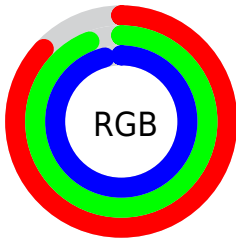
Format	Color
R _Y B	221, 232, 245
Decimal	14545141
CIE Lab	93.57, -5.27, -4.56
CIE LCh	94, 6.963, 220.861
Yxy	84.2849, 0.2976, 0.3238
Android (android.graphics.Color)	4292735221 (0xFFDDDF0F5)
YUV	234.8890, 4.9847, -12.1807
Hunter-Lab	91.8068, -10.0558, 0.6056

Details

The XYZ color **77.4603, 84.2849, 98.5722** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9041, 79.0251, 79.5554**, and the grayscale version is **78.8535, 82.9601, 90.3435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0517, 46.0621, 54.8186** is the 20% darker color. If you saturate the color by 10%, you get **69.0585, 77.7580, 97.7565**, and if you desaturate by 10%, it is **86.9977, 91.4645, 99.4566**.

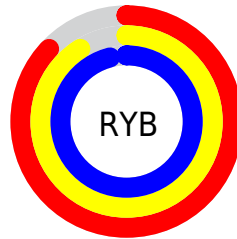
Distribution



Red (87%)

Green (94%)

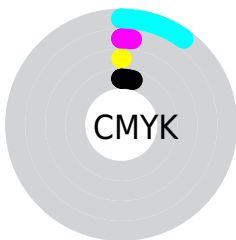
Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

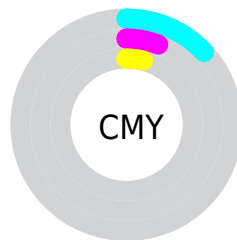


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4603, 84.2849, 98.5722 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 77.4603, 84.2849, 98.5722 by changing the saturation by 10% instead.

■ 77.4603, 84.2849,
98.5722

■ 77.4603, 84.2849,
98.5722

475.1999,
509.2588, 576.8128

■ 57.9320, 63.2507,
74.4984

128.7584,
139.3736, 161.2284

■ 41.9970, 46.0440,
54.7028

161.2590,
174.1969, 200.6479

■ 29.2901, 32.2806,
38.7669

198.8143,
214.3854, 246.0197

■ 19.4457, 21.5759,
26.2720

241.7897,
260.3234, 297.7625

■ 12.0987, 13.5456,
16.7996

290.5506,
312.3954, 356.2946

■ 6.8836, 7.8053,
9.9313

345.4624,

■ 3.4351, 3.9706,

370.9857, 422.0346

5.2484

406.8904,
436.4787, 495.4012

■ 1.3878, 1.6571,
2.3325

■ 0.2475, 0.3957,
0.7493

■ 77.4603, 84.2849,
98.5722

■ 77.4603, 84.2849,
98.5722

■ 69.0585, 77.7580,
97.7565

■ 86.9977, 91.4645,
99.4566

■ 61.7377, 71.8483,
97.0017

■ 91.9714, 96.3522,
100.1379

■ 55.4496, 66.5326,
96.3071

■ 93.4817, 99.3727,
100.6413

■ 50.1394, 61.7821,
95.6700

■ 45.7469, 57.5653,
95.0876

■ 42.2051, 53.8471,
94.5566

■ 39.4372, 50.5874,
94.0733

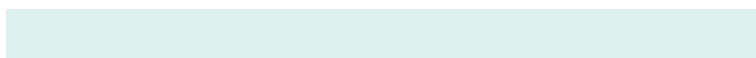
■ 37.3523, 47.7388,
93.6333

■ 35.8021, 45.2243,
93.2297

Harmonies

Analogous

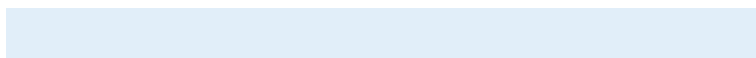
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6806, 84.2849, 93.6974



77.4603, 84.2849, 98.5722



78.9542, 84.2849, 101.6964

Triad

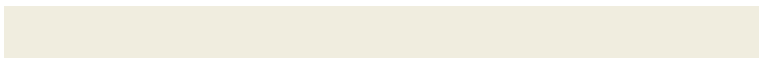
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4603, 84.2849, 98.5722



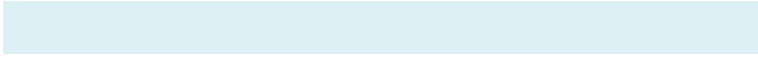
83.5045, 84.2849, 95.1392



79.4444, 84.2849, 82.1625

Complementary

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



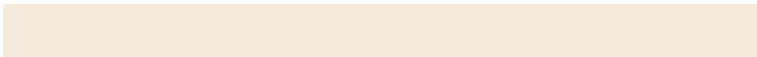
77.4603, 84.2849, 98.5722



77.9041, 79.0251, 79.5554

Split Complementary

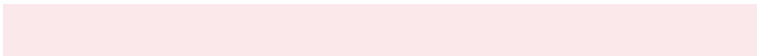
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2776, 84.2849, 82.5151



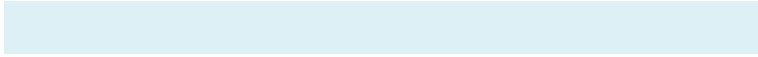
77.4603, 84.2849, 98.5722



83.6407, 84.2849, 89.8730

Square

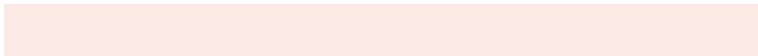
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4603, 84.2849, 98.5722



82.4508, 84.2849, 99.6624



82.8200, 84.2849, 85.2918



77.8144, 84.2849, 84.3093

Rectangle

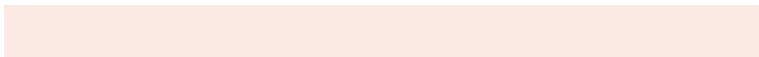
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



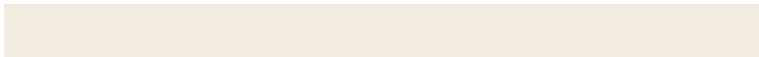
77.4603, 84.2849, 98.5722



80.1636, 84.2849, 102.2969



82.8200, 84.2849, 85.2918



80.0570, 84.2849, 81.9948

Sweetspot

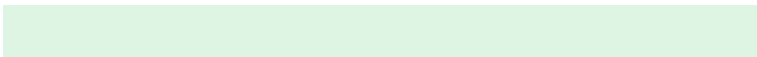
The Sweet Spot groups the original color and five complimentary colors.



77.4627, 84.2884, 98.5741



91.7854, 97.5659, 108.6022



76.1726, 86.1584, 84.4246



19.4633, 20.7463, 23.2286



0.0000, 0.0000, 0.0000



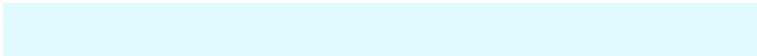
20.3446, 21.4041, 23.3091

Same Dimension

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



77.4627, 84.2884, 98.5741



82.6759, 90.6539, 107.7482



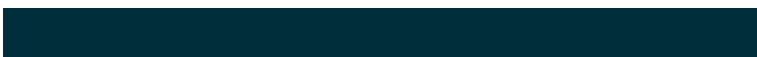
74.1001, 77.5631, 97.4532



16.6867, 18.1377, 21.1640



19.3744, 24.5426, 50.2541



1.7746, 2.3007, 4.4408

Inverse Universe

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



79.2427, 77.4183, 93.2089



85.0444, 81.6030, 100.5886



81.2250, 85.6670, 80.6624



17.0572, 16.7057, 20.0477



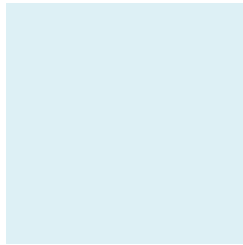
25.5838, 12.5770, 28.8464



2.2848, 1.1199, 2.7262

Previews

White Background



This preview shows how the XYZ color 77.4603, 84.2849, 98.5722 looks on a white background.

Color Contrast Check

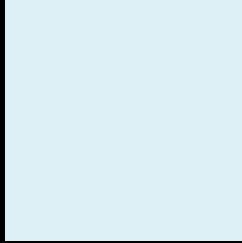
Large Text (above 18pt) WCAG AA × Fail

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 77.4603, 84.2849, 98.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

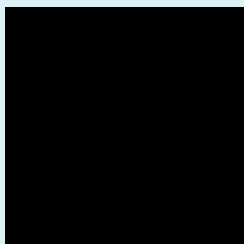
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

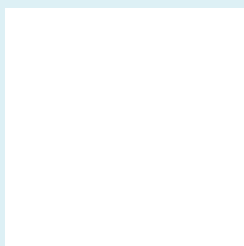
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4603, 84.2849, 98.5722

Background



This preview shows how black text looks on a background with the XYZ color 77.4603, 84.2849, 98.5722.



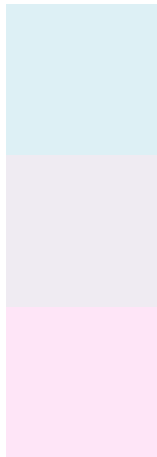
This preview shows how white text looks on a background with the XYZ color 77.4603, 84.2849,

98.5722.

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

77.4603, 84.2849, 98.5722

Protanopia

81.3319, 84.1782, 95.9658

Deuteranopia

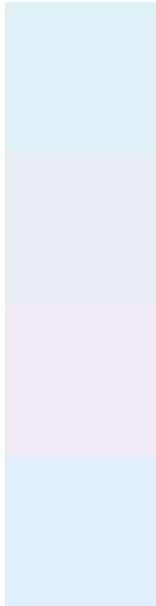
85.6809, 83.8249, 99.6596



Tritanopia

79.3650, 84.2164, 106.6801

Trichromacy



Original Color

77.4603, 84.2849, 98.5722

Protanomaly

79.7406, 84.1952, 96.8425

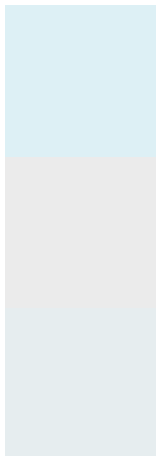
Deuteranomaly

82.3914, 83.8089, 99.0230

Tritanomaly

78.7105, 84.3860, 103.4064

Monochromacy



Original Color

77.4603, 84.2849, 98.5722

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.4973, 83.6234, 93.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4603, 84.2849, 98.5722 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(221, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(221, 240, 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(221, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 240, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.4603, 84.2849, 98.5722 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(221, 240, 245) }
```


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

```
.border{ border-color:rgb(221, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(221, 240,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4603, 84.2849, 98.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 240, 245) }
```

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

```
.background{ background-color: rgb(221,  
240, 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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