

Converting Colors

XYZ(77.4096, 75.6063, 96.8998)

Have a look what the booklet for
XYZ(77.4096, 75.6063, 96.8998)
contains.

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Color

**XYZ(77.4096, 75.6063,
96.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDBF5
RGB	239, 219, 245
RGB Percent	94%, 86%, 96%
CMY	0.0627, 0.1412, 0.0392
CMYK	0.02, 0.11, 0.00, 0.04
HSL	286°, 57%, 91%
HSV	286°, 11%, 96%
XYZ	77.4096, 75.6063, 96.8998
YIQ	227.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

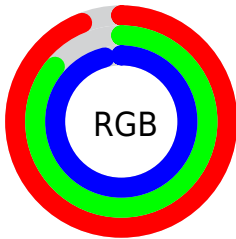
Format	Color
R _Y B	239, 219, 245
Decimal	15719413
CIE Lab	89.68, 11.43, -10.18
CIE LCh	90, 15.305, 318.330
Yxy	75.6063, 0.3097, 0.3025
Android (android.graphics.Color)	4293909493 (0xFFEFDBF5)
YUV	227.9440, 8.4086, 9.6961
Hunter-Lab	86.9519, 6.7452, -5.2069

Details

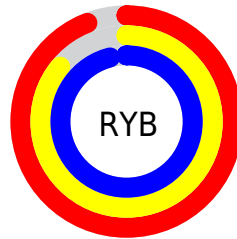
The XYZ color **77.4096, 75.6063, 96.8998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.4926, 86.4288, 79.6724**, and the grayscale version is **73.6424, 77.4776, 84.3731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9892, 40.2923, 53.7082** is the 20% darker color. If you saturate the color by 10%, you get **69.6040, 62.7837, 94.8373**, and if you desaturate by 10%, it is **86.2201, 90.3475, 99.2819**.

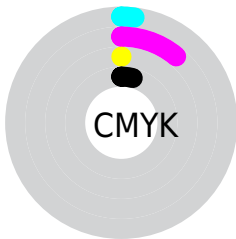
Distribution



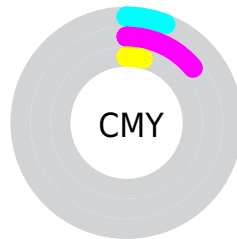
- Red (94%)
- Green (86%)
- Blue (96%)



- Red (94%)
- Yellow (86%)
- Blue (96%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4096, 75.6063, 96.8998 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 77.4096, 75.6063, 96.8998 by changing the saturation by 10% instead.

77.4096, 75.6063,
96.8998

77.4096, 75.6063,
96.8998

475.0300,
479.9989, 571.3682

57.8902, 56.1097,
73.1116

128.6873,
127.1702, 158.9047

41.9633, 40.2909,
53.5748

161.1763,
160.0064, 197.9585

29.2635, 27.7654,
37.8710

198.7192,
198.0579, 242.9380

19.4256, 18.1489,
25.5815

241.6814,
241.7091, 294.2616

12.0840, 11.0570,
16.2879

290.4282,
291.3444, 352.3478

6.8735, 6.1052,
9.5715

345.3250,

3.4288, 2.9091,

347.3482, 417.6153

5.0139

406.7372,
410.1049, 490.4826

■ 1.3843, 1.0845,
2.1966

■ 0.2450, 0.0000,
0.6724

■ 77.4096, 75.6063,
96.8998

■ 77.4096, 75.6063,
96.8998

■ 69.6040, 62.7837,
94.8373

■ 86.2201, 90.3475,
99.2819

■ 62.7550, 51.7879,
93.0759

■ 91.7774, 98.4941,
100.5615

■ 56.8205, 42.5339,
91.6025

■ 93.4817, 99.3727,
100.6412

■ 51.7523, 34.9262,
90.4012

■ 47.4975, 28.8599,
89.4545

■ 43.9972, 24.2179,
88.7430

■ 41.1837, 20.8662,
88.2443

■ 38.9767, 18.6442,
87.9318

■ 37.3338, 17.3424,
87.7671

Harmonies

Analogous

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



74.1638, 75.6063, 103.6279



77.4096, 75.6063, 96.8998



79.1917, 75.6063, 86.5905

Triad

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



77.4096, 75.6063, 96.8998



73.3367, 75.6063, 63.6308



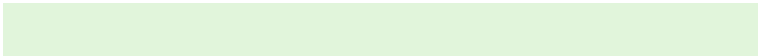
65.2022, 75.6063, 89.0208

Complementary

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



77.4096, 75.6063, 96.8998



76.4926, 86.4288, 79.6724

Split Complementary

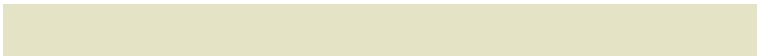
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9982, 75.6063, 78.1970



77.4096, 75.6063, 96.8998



69.6074, 75.6063, 64.1576

Square

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



77.4096, 75.6063, 96.8998



76.7859, 75.6063, 67.7774



66.5851, 75.6063, 69.2856



67.1523, 75.6063, 98.8122

Rectangle

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



77.4096, 75.6063, 96.8998



79.2700, 75.6063, 79.3532



66.5851, 75.6063, 69.2856



64.9297, 75.6063, 85.3648

Sweetspot

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



77.4118, 75.6095, 96.9014



92.0113, 94.8825, 108.0724



72.6411, 75.5424, 97.1399



19.5241, 20.0231, 23.0858



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.



77.4118, 75.6095, 96.9014



82.6126, 79.2207, 105.5447



78.4324, 76.2557, 91.5272



16.8178, 16.5643, 20.8534



20.2394, 9.4081, 47.2872



1.8676, 0.8726, 4.1602

Inverse Universe

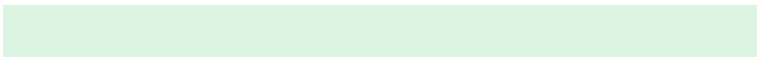
The Inverse Universe completely reimagines the original color for something new.



76.5809, 75.5151, 81.7773



81.5343, 79.1081, 85.4678



75.5868, 85.8542, 84.4943



16.6558, 16.5452, 17.9340



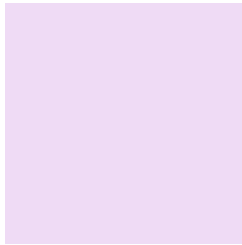
20.7215, 10.6320, 3.2418



1.8591, 0.9496, 0.4844

Previews

White Background



This preview shows how the XYZ color 77.4096, 75.6063, 96.8998 looks on a white background.

Color Contrast Check

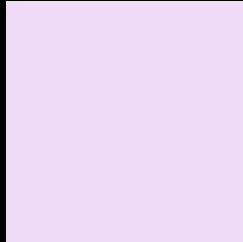
Large Text (above 18pt) WCAG AA × Fail

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 77.4096, 75.6063, 96.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

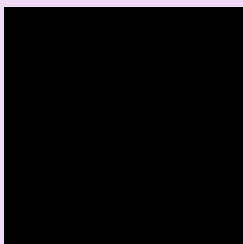
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4096, 75.6063, 96.8998

Background



This preview shows how black text looks on a background with the XYZ color 77.4096, 75.6063, 96.8998.



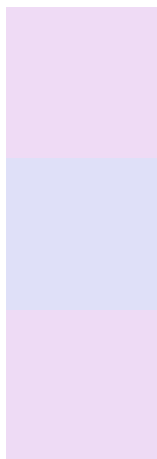
This preview shows how white text looks on a background with the XYZ color 77.4096, 75.6063,

96.8998.

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

77.4096, 75.6063, 96.8998

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

77.0728, 75.4328, 96.8840



Tritanopia

76.2857, 75.5366, 91.4482

Trichromacy



Original Color

77.4096, 75.6063, 96.8998

Protanomaly

75.2229, 75.6160, 98.6264

Deuteranomaly

77.0728, 75.4328, 96.8840

Tritanomaly

76.7303, 75.7144, 93.7893

Monochromacy



Original Color

77.4096, 75.6063, 96.8998

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.0552, 76.9467, 88.7383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4096, 75.6063, 96.8998 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(239, 219, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 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(239, 219, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.4096, 75.6063, 96.8998 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(239, 219, 245) }
```


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

```
.border{ border-color:rgb(239, 219, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 219, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4096, 75.6063, 96.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 245) }
```

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

```
.background{ background-color: rgb(239,  
219, 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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