

Converting Colors

XYZ(75.0884, 76.0595, 77.0092)

Have a look what the booklet for
XYZ(75.0884, 76.0595, 77.0092)
contains.

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Color

**XYZ(75.0518, 76.0053,
77.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DEDA
RGB	241, 222, 218
RGB Percent	95%, 87%, 85%
CMY	0.0549, 0.1294, 0.1451
CMYK	0.00, 0.08, 0.10, 0.05
HSL	10°, 45%, 90%
HSV	10°, 10%, 95%
XYZ	75.0518, 76.0053, 77.0445
YIQ	227.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

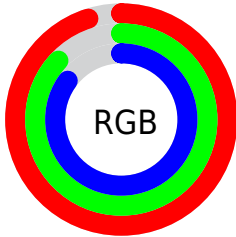
Format	Color
R _Y B	241, 223, 218
Decimal	15851226
CIE Lab	89.86, 5.84, 4.30
CIE LCh	90, 7.255, 36.349
Yxy	76.0053, 0.3290, 0.3332
Android (android.graphics.Color)	4294041306 (0xFFFF1DEDA)
YUV	227.2250, -4.5479, 12.0807
Hunter-Lab	87.1810, 1.0991, 8.6303

Details

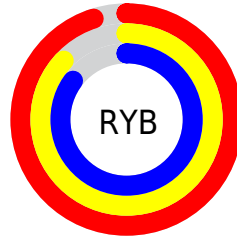
The XYZ color **75.0518, 76.0053, 77.0445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0745, 81.8232, 95.0565**, and the grayscale version is **73.2048, 77.0171, 83.8717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4372, 40.5961, 40.3549** is the 20% darker color. If you saturate the color by 10%, you get **67.1469, 64.8803, 59.9651**, and if you desaturate by 10%, it is **84.0437, 88.5686, 96.7504**.

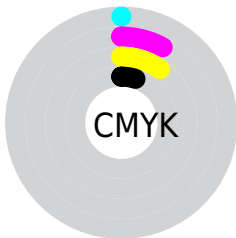
Distribution



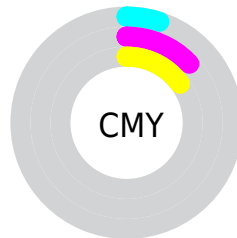
- Red (95%)
- Green (87%)
- Blue (85%)



- Red (95%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0518, 76.0053, 77.0445 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 75.0518, 76.0053, 77.0445 by changing the saturation by 10% instead.


 75.0518, 76.0053,
77.0445

 75.0518, 76.0053,
77.0445

467.0900,
481.3658, 504.3574

 55.9497, 56.4369,
56.7776


125.3732,
127.7344, 130.9759

 40.3994, 40.5533,
40.4186

157.3232,
160.6638, 165.4775

 28.0357, 27.9702,
27.5488


194.2864,
198.8157, 205.5610

 18.4932, 18.3032,
17.7497

236.6284,
242.5745, 251.6451

 11.4064, 11.1679,
10.6029

284.7144,
292.3245, 304.1482

 6.4102, 6.1799,
5.6897

338.9097,

 3.1391, 2.9548,

348.4501, 363.4890

2.5916

399.5798,
411.3358, 430.0859

■ 1.2277, 1.1082,
0.8881

■ 0.1281, 0.0000,
0.0000

■ 75.0518, 76.0053,
77.0445

■ 75.0518, 76.0053,
77.0445

■ 67.1469, 64.8803,
59.9651

■ 84.0437, 88.5686,
96.7504

■ 60.2813, 55.1325,
45.3962

■ 90.0860, 97.4410,
108.6677

■ 54.4131, 46.7110,
33.2207

■ 49.4951, 39.5581,
23.3099

■ 45.4763, 33.6118,
15.5230

■ 42.3005, 28.8045,
9.7036

■ 39.9053, 25.0623,
5.6734

■ 38.2185, 22.3018,
3.2214

■ 37.1411, 20.4215,
2.0158

Harmonies

Analogous

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



75.7198, 76.0053, 81.6704



75.0518, 76.0053, 77.0445



73.6320, 76.0053, 74.0424

Triad

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



75.0518, 76.0053, 77.0445



69.1301, 76.0053, 78.8607



72.6225, 76.0053, 92.9575

Complementary

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



75.0518, 76.0053, 77.0445



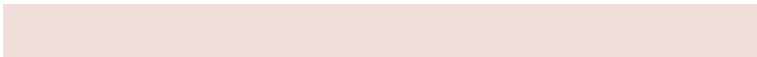
75.0745, 81.8232, 95.0565

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.



70.8672, 76.0053, 92.1296



75.0518, 76.0053, 77.0445



68.8699, 76.0053, 83.8529

Square

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



75.0518, 76.0053, 77.0445



70.2176, 76.0053, 75.0602



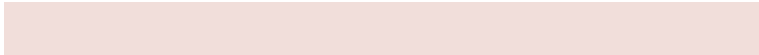
69.5008, 76.0053, 88.7448



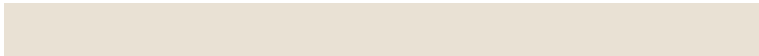
74.3024, 76.0053, 90.9624

Rectangle

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



75.0518, 76.0053, 77.0445



72.4604, 76.0053, 73.2938



69.5008, 76.0053, 88.7448



72.0215, 76.0053, 93.0012

Sweetspot

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



75.0539, 76.0086, 77.0461



91.8600, 95.5519, 101.8809



76.6584, 74.9688, 90.6795



19.4835, 20.2031, 21.4153



0.0000, 0.0000, 0.0000



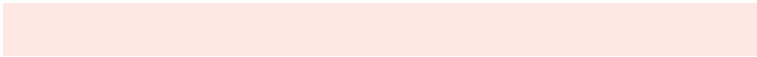
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0539, 76.0086, 77.0461



83.9080, 84.4228, 84.5097



78.1648, 82.2304, 78.0831



15.9952, 16.2036, 16.4343



20.1870, 11.1722, 1.0925



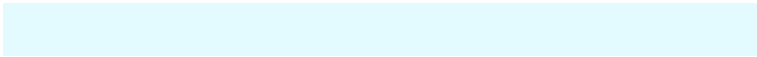
1.7425, 1.0557, 0.1119

Inverse Universe

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



75.0745, 81.8232, 95.0565



83.9346, 91.9864, 107.9391



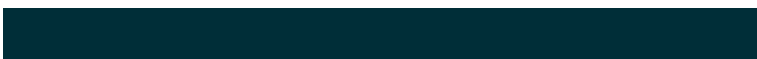
71.8974, 75.4690, 93.9975



15.9996, 17.4333, 20.2433



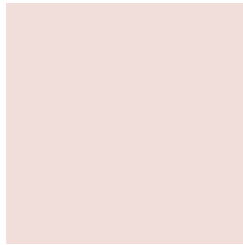
19.7789, 25.7821, 49.0619



1.7063, 2.2666, 4.1018

Previews

White Background



This preview shows how the XYZ color 75.0518, 76.0053, 77.0445 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 75.0518, 76.0053, 77.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

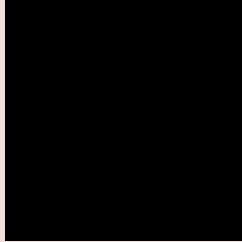
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

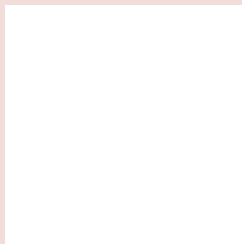
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0518, 76.0053, 77.0445

Background



This preview shows how black text looks on a background with the XYZ color 75.0518, 76.0053, 77.0445.

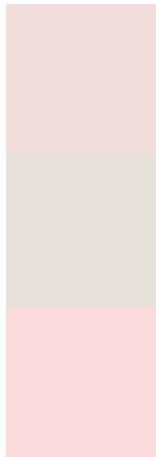


This preview shows how white text looks on a background with the XYZ color 75.0518, 76.0053,

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

75.0518, 76.0053, 77.0445

Protanopia

72.7985, 76.0067, 78.5440

Deuteranopia

77.9014, 76.2867, 77.6368



Tritanopia

77.7801, 75.9523, 89.9177

Trichromacy



Original Color

75.0518, 76.0053, 77.0445

Protanomaly

73.7028, 76.0879, 77.8197

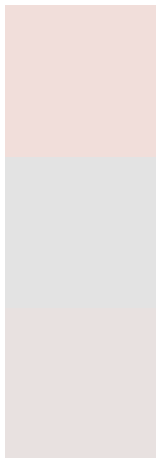
Deuteranomaly

76.7372, 76.0750, 77.6573

Tritanomaly

76.6982, 75.8982, 84.7361

Monochromacy



Original Color

75.0518, 76.0053, 77.0445

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6585, 76.3881, 81.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0518, 76.0053, 77.0445 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(241, 222, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 218)  
}
```

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(241, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.0518, 76.0053, 77.0445 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(241, 222, 218) }
```


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

```
.border{ border-color:rgb(241, 222, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 222, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0518, 76.0053, 77.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 218) }
```

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

```
.background{ background-color: rgb(241,  
222, 218) }
```

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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