

Converting Colors

XYZ(75.8510, 75.9581, 75.6298)

Have a look what the booklet for
XYZ(75.8510, 75.9581, 75.6298)
contains.

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Color

**XYZ(75.9073, 76.0832,
75.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDD8
RGB	245, 221, 216
RGB Percent	96%, 87%, 85%
CMY	0.0392, 0.1333, 0.1529
CMYK	0.00, 0.10, 0.12, 0.04
HSL	10°, 59%, 90%
HSV	10°, 12%, 96%
XYZ	75.9073, 76.0832, 75.6505
YIQ	227.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

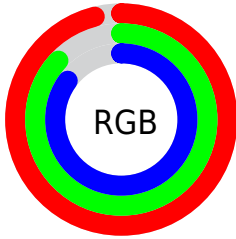
Format	Color
R _Y B	245, 222, 216
Decimal	16113112
CIE Lab	89.90, 7.44, 5.44
CIE LCh	90, 9.216, 36.204
Yxy	76.0832, 0.3335, 0.3342
Android (android.graphics.Color)	4294303192 (0xFFF5DDD8)
YUV	227.6060, -5.7218, 15.2545
Hunter-Lab	87.2257, 2.6929, 9.6360

Details

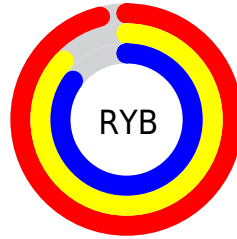
The XYZ color **75.9073, 76.0832, 75.6505** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9601, 83.5101, 98.5026**, and the grayscale version is **73.4891, 77.3162, 84.1974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0555, 40.6645, 39.4034** is the 20% darker color. If you saturate the color by 10%, you get **67.9404, 64.8455, 58.5156**, and if you desaturate by 10%, it is **84.9971, 88.8092, 95.4914**.

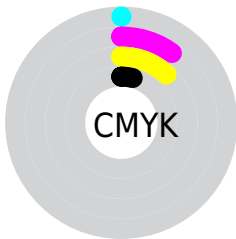
Distribution



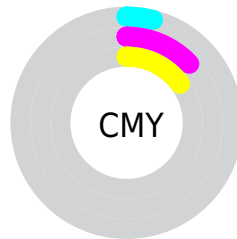
- Red (96%)
- Green (87%)
- Blue (85%)



- Red (96%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9073, 76.0832, 75.6505 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 75.9073, 76.0832, 75.6505 by changing the saturation by 10% instead.


 75.9073, 76.0832,
75.6505

 75.9073, 76.0832,
75.6505


469.9796,
481.6325, 499.4654

 56.6533, 56.5007,
55.6410


126.5769,
127.8445, 128.9883

 40.9660, 40.6045,
39.5131


158.7232,
160.7921, 163.1537

 28.4801, 28.0102,
26.8482


195.8977,
198.9636, 202.8749

 18.8302, 18.3334,
17.2279

238.4656,
242.7433, 248.5703

 11.6509, 11.1896,
10.2334

286.7925,
292.5157, 300.6585

 6.5769, 6.1945,
5.4464

341.2435,

 3.2429, 2.9637,

348.6650, 359.5581

2.4482

402.1841,
411.5758, 425.6875

■ 1.2835, 1.1128,
0.8125

■ 0.1708, 0.0000,
0.0000

■ 75.9073, 76.0832,
75.6505

■ 75.9073, 76.0832,
75.6505

■ 67.9404, 64.8455,
58.5156

■ 84.9971, 88.8092,
95.4914

■ 61.0462, 55.0318,
43.9646

■ 91.4666, 98.1527,
108.7323

■ 55.1803, 46.5879,
31.8730

■ 50.2925, 39.4525,
22.1043

■ 46.3284, 33.5594,
14.5085

■ 43.2279, 28.8367,
8.9180

■ 40.9238, 25.2047,
5.1406

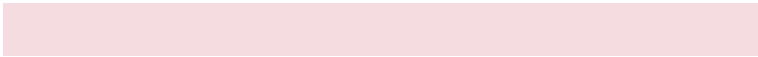
■ 39.3379, 22.5734,
2.9456

■ 38.4944, 21.0884,
2.0416

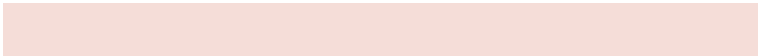
Harmonies

Analogous

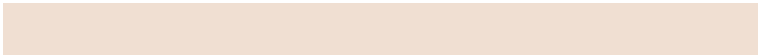
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7575, 76.0832, 81.4933



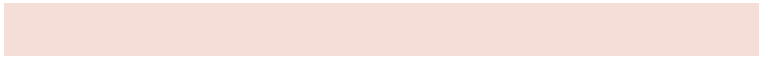
75.9073, 76.0832, 75.6505



74.0966, 76.0832, 71.8851

Triad

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



75.9073, 76.0832, 75.6505



68.3804, 76.0832, 77.8824



72.7892, 76.0832, 95.9496

Complementary

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



75.9073, 76.0832, 75.6505



75.9601, 83.5101, 98.5026

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.



70.5618, 76.0832, 94.8586



75.9073, 76.0832, 75.6505



68.0469, 76.0832, 84.2048

Square

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



75.9073, 76.0832, 75.6505



69.7582, 76.0832, 73.1256



68.8375, 76.0832, 90.4747



74.9331, 76.0832, 93.3824

Rectangle

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



75.9073, 76.0832, 75.6505



72.6052, 76.0832, 70.9440



68.8375, 76.0832, 90.4747



72.0252, 76.0832, 96.0003

Sweetspot

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



75.9094, 76.0866, 75.6521



90.8173, 94.0932, 99.6014



77.9659, 74.8264, 92.9025



19.2731, 19.9085, 20.9563



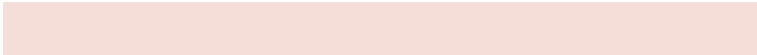
0.0000, 0.0000, 0.0000



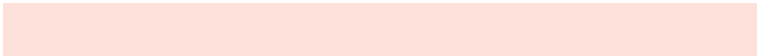
20.3446, 21.4041, 23.3091

Same Dimension

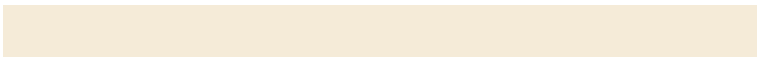
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9094, 76.0866, 75.6521



81.1156, 80.4900, 78.4860



79.8556, 83.9790, 76.9675



16.7302, 16.9446, 17.1864



20.8060, 11.4975, 1.1226



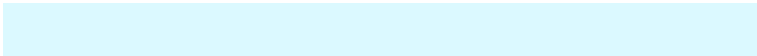
1.8928, 1.1389, 0.1201

Inverse Universe

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



75.9601, 83.5101, 98.5026



81.1799, 89.9788, 107.6968



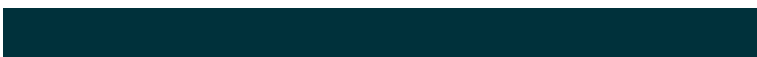
71.9071, 75.4042, 97.1516



16.7392, 18.2426, 21.1815



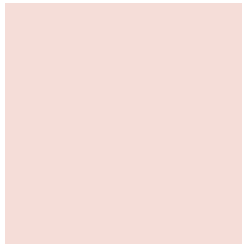
20.4390, 26.6718, 50.6090



1.8591, 2.4696, 4.4689

Previews

White Background



This preview shows how the XYZ color 75.9073, 76.0832, 75.6505 looks on a white background.

Color Contrast Check

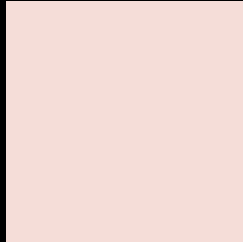
Large Text (above 18pt) WCAG AA × Fail

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 75.9073, 76.0832, 75.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

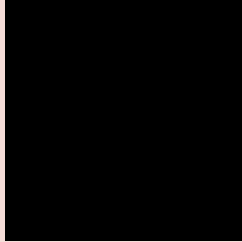
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9073, 76.0832, 75.6505

Background



This preview shows how black text looks on a background with the XYZ color 75.9073, 76.0832, 75.6505.



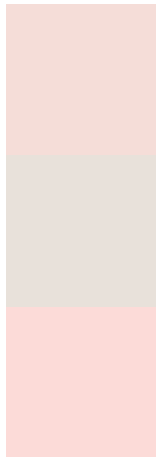
This preview shows how white text looks on a background with the XYZ color 75.9073, 76.0832,

75.6505.

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

75.9073, 76.0832, 75.6505

Protanopia

72.8588, 76.0682, 77.1722

Deuteranopia

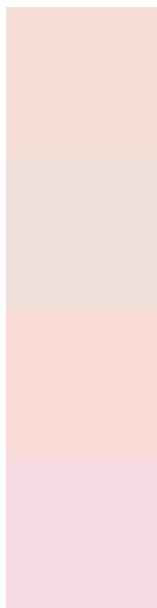
77.8711, 76.3164, 75.5920



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

75.9073, 76.0832, 75.6505

Protanomaly

74.1051, 76.3256, 76.4722

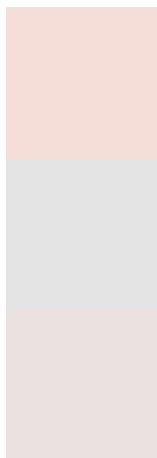
Deuteranomaly

77.0548, 76.2840, 75.6288

Tritanomaly

77.6929, 76.0386, 83.9809

Monochromacy



Original Color

75.9073, 76.0832, 75.6505

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3114, 76.7247, 81.4137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9073, 76.0832, 75.6505 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(245, 221, 216)` looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 216)  
}
```

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(245, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.9073, 76.0832, 75.6505 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(245, 221, 216) }
```


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

```
.border{ border-color:rgb(245, 221, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9073, 76.0832, 75.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 216) }
```

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

```
.background{ background-color: rgb(245,  
221, 216) }
```

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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