

# Converting Colors

XYZ(77.6376, 75.4782, 76.6580)

Have a look what the booklet for XYZ(77.6376, 75.4782, 76.6580) contains.

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# Color

**XYZ(77.6126, 75.3831,  
76.7894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD9DA
RGB	252, 217, 218
RGB Percent	99%, 85%, 85%
CMY	0.0118, 0.1490, 0.1451
CMYK	0.00, 0.14, 0.13, 0.01
HSL	358°, 85%, 92%
HSV	358°, 14%, 99%
XYZ	77.6126, 75.3831, 76.7894
YIQ	227.5790, 20.5390, 7.7310

# Conversions

## Conversions Part 2

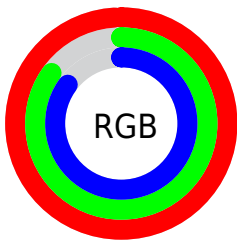
Format	Color
R <sub>Y</sub> B	252, 217, 218
Decimal	16570842
CIE Lab	89.57, 12.29, 4.00
CIE LCh	90, 12.923, 18.019
Yxy	75.3831, 0.3378, 0.3281
Android (android.graphics.Color)	4294760922 (0xFFFCDD9DA)
YUV	227.5790, -4.7224, 21.4172
Hunter-Lab	86.8234, 7.6224, 8.3385

# Details

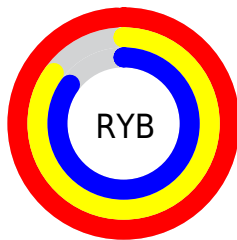
The XYZ color **77.6126, 75.3831, 76.7894** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8412, 91.3394, 104.6408**, and the grayscale version is **73.4599, 77.2856, 84.1640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0369, 40.0871, 40.1723** is the 20% darker color. If you saturate the color by 10%, you get **68.6358, 62.1831, 59.1408**, and if you desaturate by 10%, it is **88.0587, 90.7626, 97.2644**.

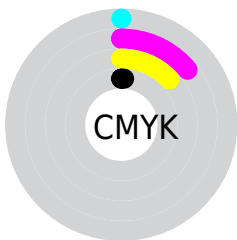
# Distribution



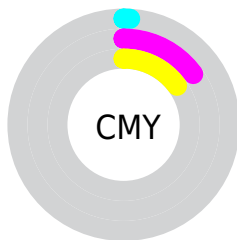
- Red (99%)
- Green (85%)
- Blue (85%)



- Red (99%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (1%)




- Cyan (1%)
- Magenta (15%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6126, 75.3831, 76.7894 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 77.6126, 75.3831, 76.7894 by changing the saturation by 10% instead.




 77.6126, 75.3831,  
76.7894

 77.6126, 75.3831,  
76.7894


475.7101,  
479.2333, 503.4643

 58.0575, 55.9268,  
56.5695


128.9721,  
126.8545, 130.6125

 42.0983, 40.1442,  
40.2527


161.5072,  
159.6384, 165.0527

 29.3697, 27.6510,  
27.4203


199.0997,  
197.6336, 205.0701

 19.5064, 18.0628,  
17.6539

242.1149,  
241.2245, 251.0833

 12.1429, 10.9951,  
10.5349

290.9182,  
290.7956, 303.5108

 6.9140, 6.0635,  
5.6448

345.8749,

 3.4542, 2.8837,

346.7311, 362.7711

2.5651

407.3505,  
409.4156, 429.2827

■ 1.3983, 1.0713,  
0.8743

■ 0.2550, 0.0000,  
0.0000

■ 77.6126, 75.3831,  
76.7894

■ 77.6126, 75.3831,  
76.7894

■ 68.6358, 62.1831,  
59.1408

■ 88.0587, 90.7626,  
97.2644

■ 61.0565, 51.0547,  
44.1898

■ 93.9552, 99.4356,  
108.8488

■ 54.8063, 41.8958,  
31.8053

■ 49.8087, 34.5916,  
21.8427

■ 45.9790, 29.0156,  
14.1437

■ 43.2227, 25.0256,  
8.5307

■ 41.4300, 22.4565,  
4.8001

■ 40.4679, 21.1073,  
2.7071

■ 40.1845, 20.7113,  
2.0856

# Harmonies

## Analogous

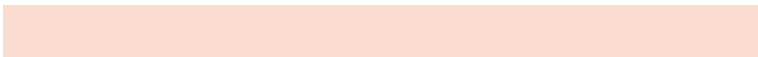
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7883, 75.3831, 85.7624



77.6126, 75.3831, 76.7894



75.8106, 75.3831, 69.7573

# Triad

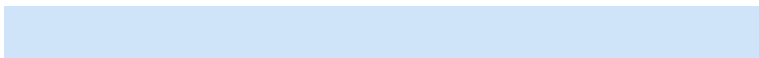
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6126, 75.3831, 76.7894



67.2067, 75.3831, 70.9320



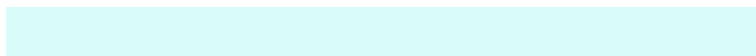
70.3896, 75.3831, 100.3964

# Complementary

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



77.6126, 75.3831, 76.7894



80.8412, 91.3394, 104.6408

# 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.



67.6433, 75.3831, 95.7733



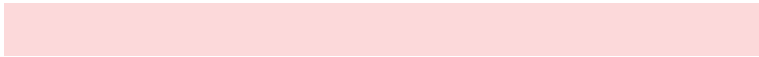
77.6126, 75.3831, 76.7894



65.8423, 75.3831, 78.5034

# Square

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



77.6126, 75.3831, 76.7894



69.7776, 75.3831, 66.5514



65.9997, 75.3831, 87.6069



73.5543, 75.3831, 99.8523



# Rectangle

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



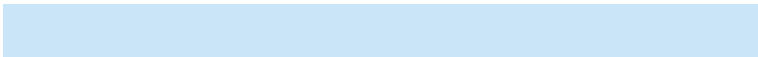
77.6126, 75.3831, 76.7894



73.9587, 75.3831, 66.9115



65.9997, 75.3831, 87.6069



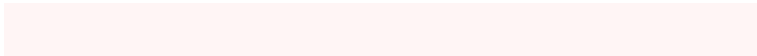
69.3887, 75.3831, 99.3819

# Sweetspot

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



77.6147, 75.3865, 76.7910



90.3271, 93.0419, 99.6565



82.1093, 77.1356, 102.6572



19.1496, 19.6437, 20.9701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

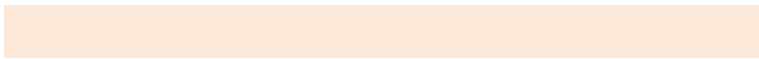
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6147, 75.3865, 76.7910



76.6915, 72.9703, 72.9156



81.9048, 84.1745, 77.5802



17.2646, 17.2332, 17.9833



20.9413, 10.7923, 1.1335



1.9463, 1.0023, 0.1409



# Inverse Universe

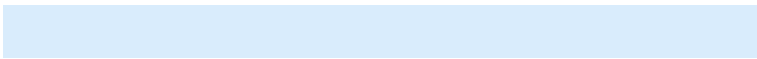
The Inverse Universe completely reimagines the original color for something new.



77.6147, 75.3865, 76.7910



76.6915, 72.9703, 72.9156



76.0884, 81.5820, 103.8328



17.2646, 17.2332, 17.9833



20.9413, 10.7923, 1.1335

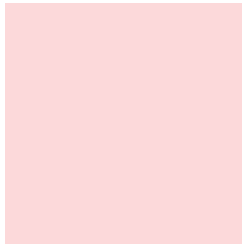


1.9463, 1.0023, 0.1409



# Previews

## White Background



This preview shows how the XYZ color 77.6126, 75.3831, 76.7894 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

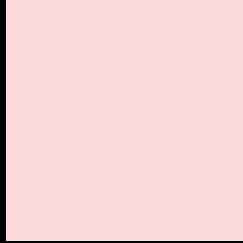
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.6126, 75.3831, 76.7894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

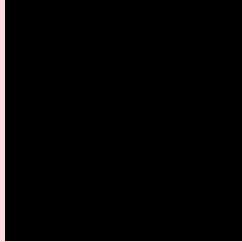
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.6126, 75.3831, 76.7894

## Background



This preview shows how black text looks on a background with the XYZ color 77.6126, 75.3831, 76.7894.



This preview shows how white text looks on a background with the XYZ color 77.6126, 75.3831,

76.7894.

# 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

77.6126, 75.3831, 76.7894

### Protanopia

72.4736, 75.4082, 79.8427

### Deuteranopia

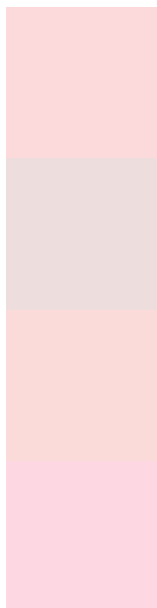
77.1506, 75.5288, 76.8419



## Tritanopia

79.7390, 75.4979, 86.7138

# Trichromacy



## Original Color

77.6126, 75.3831, 76.7894

## Protanomaly

74.1675, 75.1105, 78.9953

## Deuteranomaly

77.5100, 75.7140, 76.8587

## Tritanomaly

78.9290, 75.5404, 83.0938

# Monochromacy



## Original Color

77.6126, 75.3831, 76.7894

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

75.0353, 76.6977, 81.3704

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.6126, 75.3831, 76.7894 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(252, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 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(252, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 77.6126, 75.3831, 76.7894 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(252, 217, 218) }
```



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

```
.border{ border-color:rgb(252, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.6126, 75.3831, 76.7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 218) }
```

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

```
.background{ background-color: rgb(252,  
217, 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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