

Converting Colors

XYZ(77.2596, 74.6773, 75.6703)

Have a look what the booklet for
XYZ(77.2596, 74.6773, 75.6703)
contains.

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Color

**XYZ(77.5883, 75.0041,
76.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD8D9
RGB	253, 216, 217
RGB Percent	99%, 85%, 85%
CMY	0.0078, 0.1529, 0.1490
CMYK	0.00, 0.15, 0.14, 0.01
HSL	358°, 90%, 92%
HSV	358°, 15%, 99%
XYZ	77.5883, 75.0041, 76.0335
YIQ	227.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

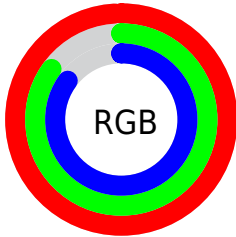
Format	Color
RYB	253, 216, 217
Decimal	16636121
CIELab	89.39, 13.00, 4.28
CIELCh	89, 13.690, 18.209
Yxy	75.0041, 0.3394, 0.3281
Android (android.graphics.Color)	4294826201 (0xFFFD8D9)
YUV	227.1770, -5.0173, 22.6468
Hunter-Lab	86.6049, 8.3574, 8.5707

Details

The XYZ color **77.5883, 75.0041, 76.0335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0179, 91.8797, 105.5645**, and the grayscale version is **73.1684, 76.9789, 83.8300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0314, 39.8341, 39.6559** is the 20% darker color. If you saturate the color by 10%, you get **68.6320, 61.8390, 58.4103**, and if you desaturate by 10%, it is **88.0245, 90.3628, 96.5085**.

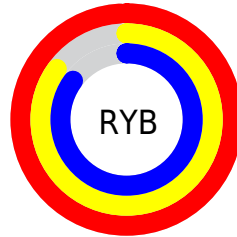
Distribution



Red (99%)

Green (85%)

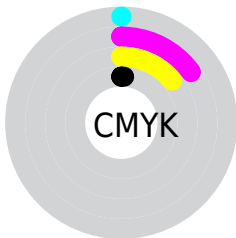
Blue (85%)



Red (99%)

Yellow (85%)

Blue (85%)

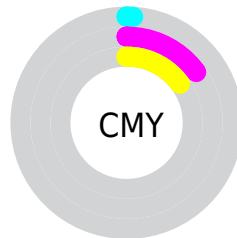


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5883, 75.0041, 76.0335 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 77.5883, 75.0041, 76.0335 by changing the saturation by 10% instead.


 77.5883, 75.0041,
76.0335

 77.5883, 75.0041,
76.0335


475.6287,
477.9317, 500.8123

 58.0374, 55.6163,
55.9532


128.9380,
126.3182, 129.5348

 42.0821, 39.8953,
39.7616


161.4676,
159.0132, 163.7928

 29.3570, 27.4569,
27.0404


199.0542,
196.9127, 203.6138

 19.4967, 17.9167,
17.3708

242.0630,
240.4011, 249.4163

 12.1358, 10.8902,
10.3345

290.8596,
289.8628, 301.6189

 6.9091, 5.9930,
5.5128

345.8091,

 3.4512, 2.8409,

345.6822, 360.6400

2.4872

407.2771,
408.2437, 426.8983

■ 1.3966, 1.0492,
0.8334

■ 0.2538, 0.0000,
0.0000

■ 77.5883, 75.0041,
76.0335

■ 77.5883, 75.0041,
76.0335

■ 68.6320, 61.8390,
58.4103

■ 88.0245, 90.3628,
96.5085

■ 61.0827, 50.7580,
43.5080

94.3184, 99.6229,
108.8658

■ 54.8708, 41.6574,
31.1924

■ 49.9183, 34.4205,
21.3162

■ 46.1391, 28.9185,
13.7174

■ 43.4365, 25.0061,
8.2141

■ 41.6981, 22.5146,
4.5971

■ 40.7869, 21.2371,
2.6135

■ 40.5457, 20.8978,
2.0922

Harmonies

Analogous

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



77.7861, 75.0041, 85.4967



77.5883, 75.0041, 76.0335



75.6710, 75.0041, 68.6633

Triad

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



77.5883, 75.0041, 76.0335



66.5910, 75.0041, 69.9734



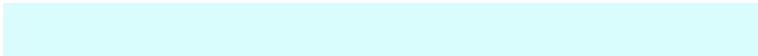
69.9803, 75.0041, 101.1005

Complementary

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



77.5883, 75.0041, 76.0335



81.0179, 91.8797, 105.5645

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.



67.0798, 75.0041, 96.2162



77.5883, 75.0041, 76.0335



65.1644, 75.0041, 77.9529

Square

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



77.5883, 75.0041, 76.0335



69.2941, 75.0041, 65.3580



65.3405, 75.0041, 87.5715



73.3222, 75.0041, 100.4850

Rectangle

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



77.5883, 75.0041, 76.0335



73.7085, 75.0041, 65.6987



65.3405, 75.0041, 87.5715



68.9233, 75.0041, 100.0327

Sweetspot

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



77.5904, 75.0075, 76.0351



90.3247, 93.0410, 99.6439



82.3481, 76.8588, 103.4245



19.1490, 19.6434, 20.9670



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

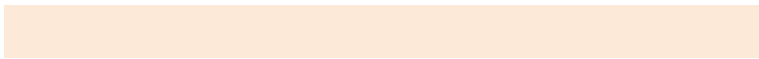
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5904, 75.0075, 76.0351



75.7397, 71.5799, 71.0163



82.1194, 84.2720, 76.9077



18.0292, 17.9950, 18.7709



21.5770, 11.1201, 1.1569



2.1075, 1.0854, 0.1477

Inverse Universe

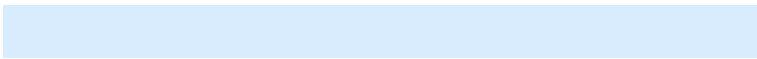
The Inverse Universe completely reimagines the original color for something new.



77.5904, 75.0075, 76.0351



75.7397, 71.5799, 71.0163



75.9701, 81.5311, 104.6625



18.0292, 17.9950, 18.7709



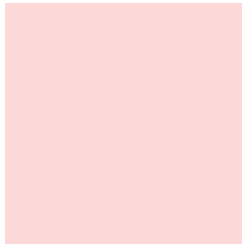
21.5770, 11.1201, 1.1569



2.1075, 1.0854, 0.1477

Previews

White Background



This preview shows how the XYZ color 77.5883, 75.0041, 76.0335 looks on a white background.

Color Contrast Check

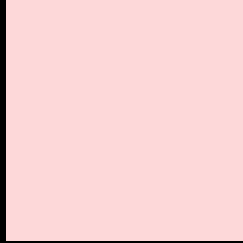
Large Text (above 18pt) WCAG AA × Fail

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 77.5883, 75.0041, 76.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

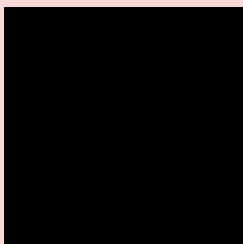
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5883, 75.0041, 76.0335

Background



This preview shows how black text looks on a background with the XYZ color 77.5883, 75.0041, 76.0335.

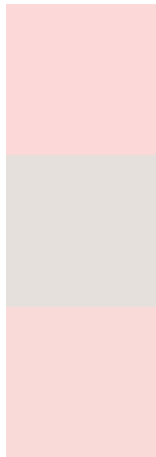


This preview shows how white text looks on a background with the XYZ color 77.5883, 75.0041,

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

77.5883, 75.0041, 76.0335

Protanopia

72.3399, 75.3548, 79.1388

Deuteranopia

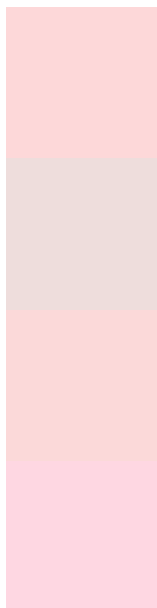
76.7616, 74.9595, 76.0685



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

77.5883, 75.0041, 76.0335

Protanomaly

74.0346, 75.0574, 78.2956

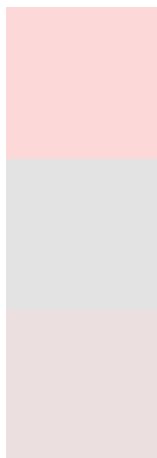
Deuteranomaly

77.1209, 75.1447, 76.0853

Tritanomaly

78.9010, 75.1627, 82.3008

Monochromacy



Original Color

77.5883, 75.0041, 76.0335

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.2990, 75.9359, 80.5532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5883, 75.0041, 76.0335 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(253, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(253, 216, 217)  
}
```

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(253, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 216, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.5883, 75.0041, 76.0335 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(253, 216, 217) }
```


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

```
.border{ border-color:rgb(253, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 216, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 216, 217);  
box-shadow:4px 4px 4px 4px rgb(253, 216,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5883, 75.0041, 76.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 216, 217) }
```

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

```
.background{ background-color: rgb(253,  
216, 217) }
```

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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