

Converting Colors

XYZ(75.7607, 70.8030, 74.7861)

Have a look what the booklet for XYZ(75.7607, 70.8030, 74.7861) contains.

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Color

**XYZ(75.5805, 70.6543,
74.6199)**

Conversions

Conversions Part 1

Format	Color
Hex	FECFD8
RGB	254, 207, 216
RGB Percent	100%, 81%, 85%
CMY	0.0039, 0.1882, 0.1529
CMYK	0.00, 0.19, 0.15, 0.00
HSL	349°, 96%, 90%
HSV	349°, 19%, 100%
XYZ	75.5805, 70.6543, 74.6199
YIQ	222.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

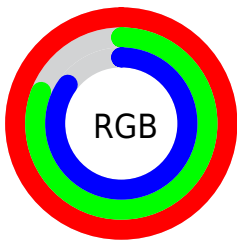
Format	Color
RYB	254, 207, 216
Decimal	16699352
CIELab	87.32, 17.90, 1.80
CIELCh	87, 17.986, 5.749
Yxy	70.6543, 0.3422, 0.3199
Android (android.graphics.Color)	4294889432 (0xFFFECD8)
YUV	222.0790, -2.9969, 27.9947
Hunter-Lab	84.0561, 13.4032, 6.2052

Details

The XYZ color **75.5805, 70.6543, 74.6199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6581, 90.7433, 99.8126**, and the grayscale version is **69.4966, 73.1159, 79.6232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8502, 37.2260, 38.7505** is the 20% darker color. If you saturate the color by 10%, you get **67.4235, 58.3268, 59.6095**, and if you desaturate by 10%, it is **85.0633, 85.1006, 91.7113**.

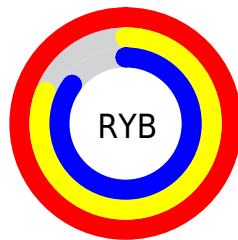
Distribution



Red (100%)

Green (81%)

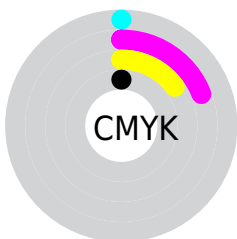
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

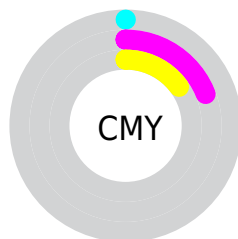


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5805, 70.6543, 74.6199 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 75.5805, 70.6543, 74.6199 by changing the saturation by 10% instead.


 75.5805, 70.6543,
74.6199

 75.5805, 70.6543,
74.6199


468.8769,
462.8440, 495.8306

 56.3844, 52.0601,
54.8017

126.1173,
120.1414, 127.5163

 40.7494, 37.0530,
38.8455


158.1887,
151.8030, 161.4316

 28.3102, 25.2485,
26.3326


195.2826,
188.5893, 200.8830

 18.7012, 16.2623,
16.8446

237.7643,
230.8847, 246.2891

 11.5573, 9.7100,
9.9630

285.9993,
279.0734, 298.0683

 6.5131, 5.2071,
5.2691

340.3528,

 3.2031, 2.3693,

333.5399, 356.6393

2.3445

401.1902,
394.6687, 422.4205

■ 1.2620, 0.8100,
0.7560

■ 0.1545, 0.0000,
0.0000

■ 75.5805, 70.6543,
74.6199

■ 75.5805, 70.6543,
74.6199

■ 67.4235, 58.3268,
59.6095

■ 85.0633, 85.1006,
91.7113

■ 60.5269, 48.0093,
46.5955

94.6833, 99.8110,
108.8828

■ 54.8286, 39.5975,
35.4944

■ 50.2589, 32.9740,
26.2147

■ 46.7406, 28.0084,
18.6573

■ 44.1866, 24.5523,
12.7134

■ 42.4951, 22.4308,
8.2609

■ 41.5277, 21.3988,
5.1547

■ 41.4197, 21.2895,
4.7900

Harmonies

Analogous

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



74.8502, 70.6543, 86.9047



75.5805, 70.6543, 74.6199



73.9775, 70.6543, 64.1033

Triad

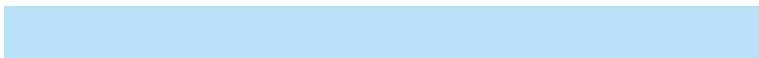
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5805, 70.6543, 74.6199



62.5123, 70.6543, 59.5252



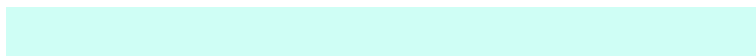
63.8678, 70.6543, 100.1936

Complementary

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



75.5805, 70.6543, 74.6199



77.6581, 90.7433, 99.8126

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.



60.7651, 70.6543, 91.3641



75.5805, 70.6543, 74.6199



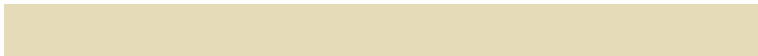
60.0058, 70.6543, 67.7503

Square

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



75.5805, 70.6543, 74.6199



66.3431, 70.6543, 55.9956



59.3798, 70.6543, 79.2884



67.9731, 70.6543, 102.5243

Rectangle

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



75.5805, 70.6543, 74.6199



71.8394, 70.6543, 59.2313



59.3798, 70.6543, 79.2884



62.6784, 70.6543, 97.8450

Sweetspot

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



75.5825, 70.6575, 74.6214



88.4335, 89.8523, 97.1826



77.7212, 71.1253, 103.3988



18.7808, 19.0062, 20.5383



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

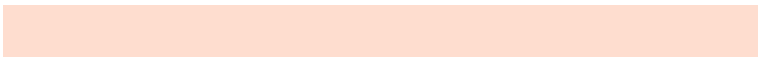
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5825, 70.6575, 74.6214



73.2283, 66.6960, 69.7509



78.0206, 77.3443, 69.8522



18.1514, 18.0439, 19.4146



21.8766, 11.2399, 2.7347



2.1657, 1.1087, 0.4542

Inverse Universe

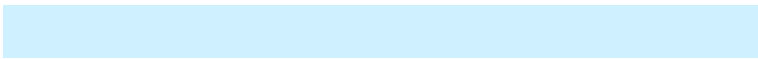
The Inverse Universe completely reimagines the original color for something new.



75.5825, 70.6575, 74.6214



73.2283, 66.6960, 69.7509



74.7547, 82.6848, 105.7863



18.1514, 18.0439, 19.4146



21.8766, 11.2399, 2.7347



2.1657, 1.1087, 0.4542

Previews

White Background



This preview shows how the XYZ color 75.5805, 70.6543, 74.6199 looks on a white background.

Color Contrast Check

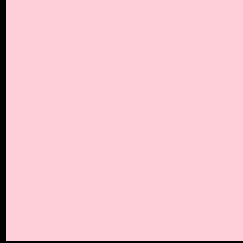
Large Text (above 18pt) WCAG AA × Fail

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 75.5805, 70.6543, 74.6199 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 75.5805, 70.6543, 74.6199

Background



This preview shows how black text looks on a background with the XYZ color 75.5805, 70.6543, 74.6199.



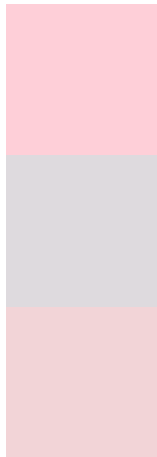
This preview shows how white text looks on a background with the XYZ color 75.5805, 70.6543,

74.6199.

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

75.5805, 70.6543, 74.6199

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.4272, 70.8705, 74.1520



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

75.5805, 70.6543, 74.6199

Protanomaly

70.8965, 70.7529, 77.6302

Deuteranomaly

73.3184, 70.5923, 74.0514

Tritanomaly

76.2296, 70.5699, 77.3138

Monochromacy



Original Color

75.5805, 70.6543, 74.6199

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.6628, 72.2854, 77.8856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5805, 70.6543, 74.6199 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(254, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 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(254, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.5805, 70.6543, 74.6199 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(254, 207, 216) }
```


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

```
.border{ border-color:rgb(254, 207, 216) }
```

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

Here you see how a box with a 4 pixel rgb(254, 207, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5805, 70.6543, 74.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 216) }
```

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

```
.background{ background-color: rgb(254,  
207, 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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