

Converting Colors

XYZ(74.7127, 70.6129, 67.3231)

Have a look what the booklet for XYZ(74.7127, 70.6129, 67.3231) contains.

XYZ(74.8153, 70.7795, 67.4762) 3

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Color

**XYZ(74.8153, 70.7795,
67.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0CD
RGB	255, 208, 205
RGB Percent	100%, 82%, 80%
CMY	0.0000, 0.1843, 0.1961
CMYK	0.00, 0.18, 0.20, 0.00
HSL	4°, 100%, 90%
HSV	4°, 20%, 100%
XYZ	74.8153, 70.7795, 67.4762
YIQ	221.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

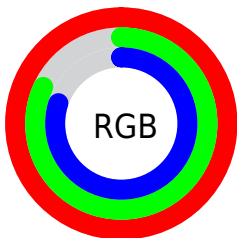
Format	Color
R _Y B	255, 208, 205
Decimal	16765133
CIE Lab	87.38, 16.06, 7.72
CIE LCh	87, 17.825, 25.677
Yxy	70.7795, 0.3511, 0.3322
Android (android.graphics.Color)	4294955213 (0xFFFFD0CD)
YUV	221.7110, -8.2385, 29.1945
Hunter-Lab	84.1306, 11.5073, 11.3383

Details

The XYZ color **74.8153, 70.7795, 67.4762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0362, 89.8172, 107.8313**, and the grayscale version is **69.2707, 72.8782, 79.3643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4302, 37.3513, 34.3568** is the 20% darker color. If you saturate the color by 10%, you get **66.5760, 58.8320, 50.7610**, and if you desaturate by 10%, it is **84.4427, 84.6998, 87.1308**.

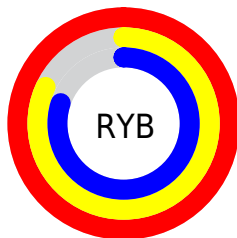
Distribution



Red (100%)

Green (82%)

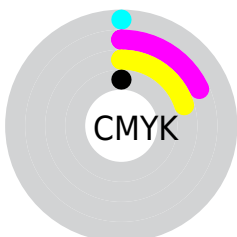
Blue (80%)



Red (100%)

Yellow (82%)

Blue (80%)

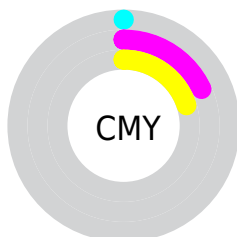


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8153, 70.7795, 67.4762 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 74.8153, 70.7795, 67.4762 by changing the saturation by 10% instead.


 74.8153, 70.7795,
67.4762

 74.8153, 70.7795,
67.4762


466.2895,
463.2823, 470.1855

 55.7552, 52.1623,
49.0077


125.0402,
120.3197, 117.2496

 40.2429, 37.1344,
34.2599

156.9357,
152.0115, 149.3916

 27.9131, 25.3116,
22.8144


193.8404,
188.8302, 186.9285

 18.4003, 16.3094,
14.2525

236.1197,
231.1603, 230.2788

 11.3392, 9.7433,
8.1557

284.1389,
279.3862, 279.8612

 6.3644, 5.2291,
4.1056

338.2633,

 3.1107, 2.3823,

333.8922, 336.0940

1.6834

398.8584,
395.0627, 399.3960

■ 1.2126, 0.8168,
0.3493

■ 0.1162, 0.0000,
0.0000

■ 74.8153, 70.7795,
67.4762

■ 74.8153, 70.7795,
67.4762

■ 66.5760, 58.8320,
50.7610

■ 84.4427, 84.6998,
87.1308

■ 59.6560, 48.7594,
36.8398

95.0500, 100.0000,
108.9000

■ 53.9881, 40.4692,
25.5614

■ 49.4974, 33.8577,
16.7587

■ 46.1009, 28.8100,
10.2455

■ 43.7046, 25.1974,
5.8091

■ 42.1988, 22.8702,
3.1972

■ 41.4347, 21.6407,
2.0220

■ 41.4154, 21.6109,
1.9885

Harmonies

Analogous

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



75.6495, 70.7795, 78.8228



74.8153, 70.7795, 67.4762



71.9294, 70.7795, 59.5052

Triad

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



74.8153, 70.7795, 67.4762



60.8241, 70.7795, 64.7511



66.6671, 70.7795, 102.4979

Complementary

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



74.8153, 70.7795, 67.4762



78.0362, 89.8172, 107.8313

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.



62.8235, 70.7795, 97.7827



74.8153, 70.7795, 67.4762



59.5403, 70.7795, 75.3372

Square

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



74.8153, 70.7795, 67.4762



63.8359, 70.7795, 58.0505



60.2569, 70.7795, 87.5257



70.8329, 70.7795, 99.8394

Rectangle

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



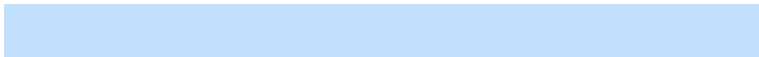
74.8153, 70.7795, 67.4762



69.2908, 70.7795, 56.7648



60.2569, 70.7795, 87.5257



65.2963, 70.7795, 101.7103

Sweetspot

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



74.8170, 70.7826, 67.4777



88.2664, 90.2190, 94.9665



80.7217, 71.9834, 102.1512



18.7414, 19.0924, 20.0167



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.



74.8170, 70.7826, 67.4777



71.0301, 65.2959, 59.7809



81.2574, 83.6633, 69.6245



18.0970, 18.1621, 18.6962



21.6742, 11.3596, 1.0503



2.1397, 1.1648, 0.1121

Inverse Universe

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



78.0362, 89.8172, 107.8313



74.8447, 87.8587, 107.6214



70.8335, 75.4119, 105.4304



18.4559, 20.2834, 23.1923



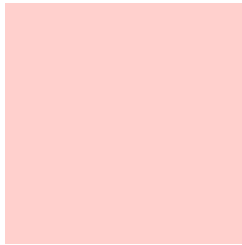
25.7037, 36.3170, 55.0897



2.5299, 3.5906, 5.3730

Previews

White Background



This preview shows how the XYZ color 74.8153, 70.7795, 67.4762 looks on a white background.

Color Contrast Check

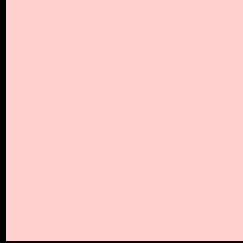
Large Text (above 18pt) WCAG AA × Fail

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 74.8153, 70.7795, 67.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

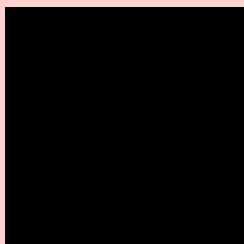
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8153, 70.7795, 67.4762

Background



This preview shows how black text looks on a background with the XYZ color 74.8153, 70.7795, 67.4762.



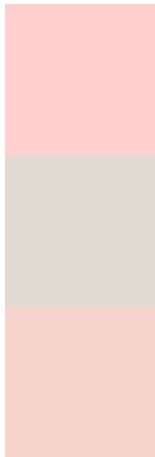
This preview shows how white text looks on a background with the XYZ color 74.8153, 70.7795,

67.4762.

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

74.8153, 70.7795, 67.4762

Protanopia

67.8806, 70.8535, 71.7264

Deuteranopia

72.4486, 71.0394, 67.0203



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

74.8153, 70.7795, 67.4762

Protanomaly

70.1473, 70.5295, 70.2380

Deuteranomaly

73.2603, 71.0879, 66.9868

Tritanomaly

75.8186, 70.7919, 73.9581

Monochromacy



Original Color

74.8153, 70.7795, 67.4762

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.1392, 72.0760, 75.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8153, 70.7795, 67.4762 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(255, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 205)  
}
```

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(255, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.8153, 70.7795, 67.4762 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(255, 208, 205) }
```


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

```
.border{ border-color:rgb(255, 208, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8153, 70.7795, 67.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 205) }
```

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

```
.background{ background-color: rgb(255,  
208, 205) }
```

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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