

Converting Colors

XYZ(94.3336, 80.8013, 66.3128)

Have a look what the booklet for
XYZ(94.3336, 80.8013, 66.3128)
contains.

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Color

**XYZ(74.4565, 70.6360,
65.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0CA
RGB	255, 208, 202
RGB Percent	100%, 82%, 79%
CMY	0.0000, 0.1843, 0.2078
CMYK	0.00, 0.18, 0.21, 0.00
HSL	7°, 100%, 90%
HSV	7°, 21%, 100%
XYZ	74.4565, 70.6360, 65.5869
YIQ	221.3690, 29.9380, 8.0980

Conversions

Conversions Part 2

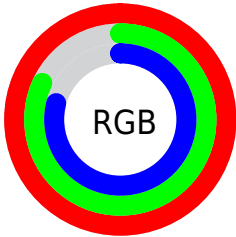
Format	Color
R _Y B	255, 209, 202
Decimal	16765130
CIE Lab	87.31, 15.63, 9.21
CIE LCh	87, 18.139, 30.513
Yxy	70.6360, 0.3534, 0.3353
Android (android.graphics.Color)	4294955210 (0xFFFFD0CA)
YUV	221.3690, -9.5489, 29.4944
Hunter-Lab	84.0452, 11.0558, 12.5631

Details

The XYZ color **74.4565, 70.6360, 65.5869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2817, 87.5252, 107.4813**, and the grayscale version is **69.0383, 72.6337, 79.0981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1896, 37.2551, 33.0897** is the 20% darker color. If you saturate the color by 10%, you get **66.5580, 59.2781, 49.2687**, and if you desaturate by 10%, it is **83.6433, 83.7715, 84.7975**.

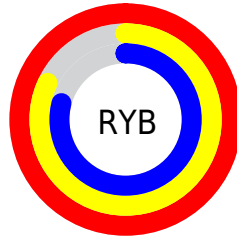
Distribution



Red (100%)

Green (82%)

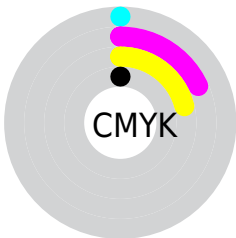
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

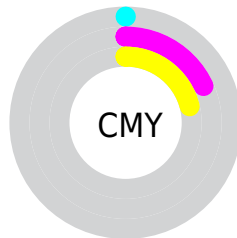


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4565, 70.6360, 65.5869 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 74.4565, 70.6360, 65.5869 by changing the saturation by 10% instead.

 74.4565, 70.6360,
65.5869

 74.4565, 70.6360,
65.5869


465.0734,
462.7800, 463.2619

 55.4604, 52.0452,
47.4828


124.5347,
120.1153, 114.5146

 40.0057, 37.0411,
33.0604


156.3476,
151.7726, 146.1752

 27.7272, 25.2393,
21.9012


193.1633,
188.5541, 183.1917

 18.2595, 16.2554,
13.5867

235.3473,
230.8444, 225.9827

 11.2373, 9.7051,
7.6983

283.2650,
279.0277, 274.9666

 6.2951, 5.2039,
3.8175

337.2817,

 3.0677, 2.3674,

333.4884, 330.5621

1.5258

397.7627,
394.6111, 393.1877

■ 1.1897, 0.8090,
0.2370

■ 0.0982, 0.0000,
0.0000

■ 74.4565, 70.6360,
65.5869

■ 74.4565, 70.6360,
65.5869

■ 66.5580, 59.2781,
49.2687

■ 83.6433, 83.7715,
84.7975

■ 59.8850, 49.6124,
35.6986

■ 94.1671, 98.7465,
107.0266

■ 54.3773, 41.5605,
24.7264

■ 95.0500, 100.0000,
108.9000

■ 49.9674, 35.0343,
16.1857

■ 46.5809, 29.9370,
9.8908

■ 44.1339, 26.1607,
5.6293

■ 42.5288, 23.5821,
3.1475

■ 41.6767, 22.1334,
2.0756

Harmonies

Analogous

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



75.6801, 70.6360, 76.7005



74.4565, 70.6360, 65.5869



71.2573, 70.6360, 58.2171

Triad

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



74.4565, 70.6360, 65.5869



60.2461, 70.6360, 65.9149



67.2108, 70.6360, 102.8800

Complementary

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



74.4565, 70.6360, 65.5869



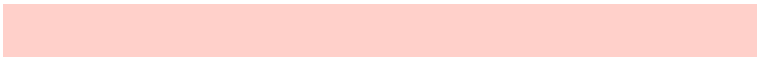
76.2817, 87.5252, 107.4813

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.



63.1794, 70.6360, 99.2301



74.4565, 70.6360, 65.5869



59.2630, 70.6360, 77.1210

Square

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



74.4565, 70.6360, 65.5869



63.0574, 70.6360, 58.3919



60.3144, 70.6360, 89.4680



71.3897, 70.6360, 98.9811

Rectangle

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



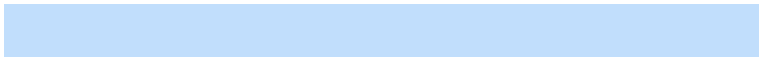
74.4565, 70.6360, 65.5869



68.4988, 70.6360, 55.9852



60.3144, 70.6360, 89.4680



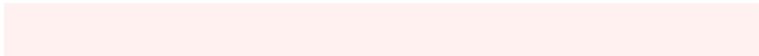
65.7942, 70.6360, 102.4915

Sweetspot

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



74.4582, 70.6391, 65.5884



88.5074, 90.7010, 95.0468



79.5692, 70.3851, 99.5881



18.7982, 19.2059, 20.0356



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

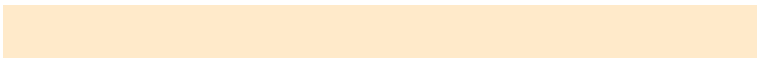
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4582, 70.6391, 65.5884



70.9739, 65.6373, 58.3631



81.2669, 84.2565, 67.8579



18.1750, 18.3183, 18.7222



21.8294, 11.6700, 1.1020



2.1765, 1.2384, 0.1243

Inverse Universe

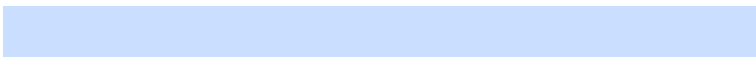
The Inverse Universe completely reimagines the original color for something new.



76.2817, 87.5252, 107.4813



73.0977, 85.3266, 107.2248



68.8489, 72.6595, 105.0037



18.3688, 20.1092, 23.1633



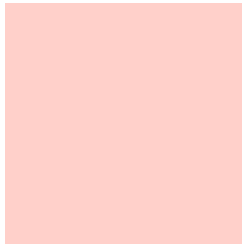
23.7279, 32.3653, 54.4311



2.3582, 3.2470, 5.3157

Previews

White Background



This preview shows how the XYZ color 74.4565, 70.6360, 65.5869 looks on a white background.

Color Contrast Check

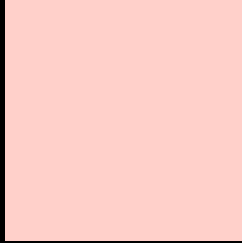
Large Text (above 18pt) WCAG AA × Fail

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 74.4565, 70.6360, 65.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

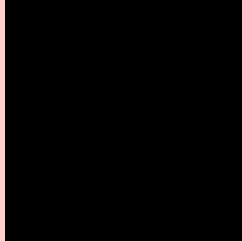
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4565, 70.6360, 65.5869

Background



This preview shows how black text looks on a background with the XYZ color 74.4565, 70.6360, 65.5869.

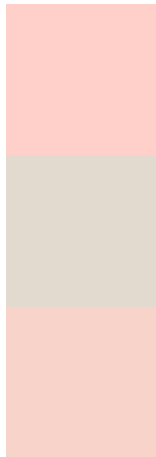


This preview shows how white text looks on a background with the XYZ color 74.4565, 70.6360,

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

74.4565, 70.6360, 65.5869

Protanopia

67.6979, 70.8166, 69.1324

Deuteranopia

72.1947, 70.5797, 65.0765



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

74.4565, 70.6360, 65.5869

Protanomaly

69.9911, 70.5054, 67.6776

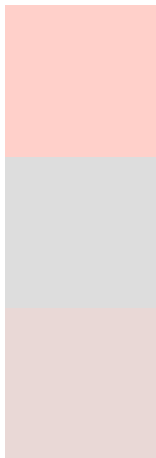
Deuteranomaly

73.0135, 70.6342, 65.0439

Tritanomaly

75.6904, 70.7407, 73.2833

Monochromacy



Original Color

74.4565, 70.6360, 65.5869

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2977, 71.2904, 73.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4565, 70.6360, 65.5869 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 202) }
```

Border

The CSS property to change the border of an element to XYZ 74.4565, 70.6360, 65.5869 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, 202) }
```


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

```
.border{ border-color:rgb(255, 208, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4565, 70.6360, 65.5869 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
208, 202) }
```

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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