

Converting Colors

XYZ(72.7374, 68.3277, 60.1489)

Have a look what the booklet for
XYZ(72.7374, 68.3277, 60.1489)
contains.

XYZ(72.5705, 68.3408, 60.4051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.5705, 68.3408,
60.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCC2
RGB	255, 204, 194
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.2000, 0.2392
CMYK	0.00, 0.20, 0.24, 0.00
HSL	10°, 100%, 88%
HSV	10°, 24%, 100%
XYZ	72.5705, 68.3408, 60.4051
YIQ	218.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

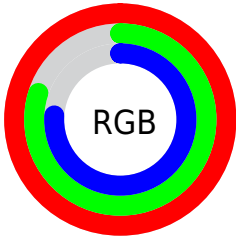
Format	Color
R _Y B	255, 206, 194
Decimal	16764098
CIE Lab	86.18, 16.58, 11.83
CIE LCh	86, 20.366, 35.511
Yxy	68.3408, 0.3605, 0.3395
Android (android.graphics.Color)	4294954178 (0xFFFFCCC2)
YUV	218.1090, -11.8857, 32.3534
Hunter-Lab	82.6685, 12.0263, 14.5453

Details

The XYZ color **72.5705, 68.3408, 60.4051** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9494, 83.9914, 106.9749**, and the grayscale version is **66.7804, 70.2581, 76.5111**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **38.6659, 35.5765, 29.6400** is the 20% darker color. If you saturate the color by 10%, you get **65.2241, 57.8446, 45.0186**, and if you desaturate by 10%, it is **81.1052, 80.4266, 78.6137**.

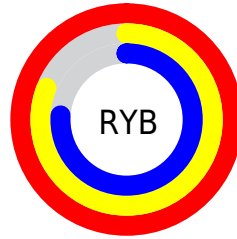
Distribution



Red (100%)

Green (80%)

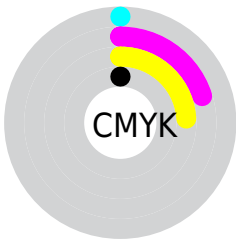
Blue (76%)



Red (100%)

Yellow (81%)

Blue (76%)

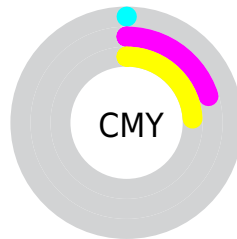


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5705, 68.3408, 60.4051 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 72.5705, 68.3408, 60.4051 by changing the saturation by 10% instead.


 72.5705, 68.3408,
60.4051

 72.5705, 68.3408,
60.4051


458.6517,
454.7025, 443.9354

 53.9120, 50.1750,
43.3178


 121.8737,
116.8395, 106.9662

 38.7617, 35.5525,
29.8013

153.2491,
147.9413, 137.2771

 26.7543, 24.0888,
19.4371


189.5941,
184.1239, 172.8330

 17.5244, 15.3995,
11.8065

231.2742,
225.7717, 214.0523

 10.7067, 9.1002,
6.4911

278.6546,
273.2690, 261.3537

 5.9358, 4.8066,
3.0724

332.1008,

 2.8464, 2.1343,

327.0004, 315.1556

1.1317

391.9781,
387.3501, 375.8767

■ 1.0730, 0.6838,
0.0000

■ 0.0024, 0.0000,
0.0000

■ 72.5705, 68.3408,
60.4051

■ 72.5705, 68.3408,
60.4051

■ 65.2241, 57.8446,
45.0186

■ 81.1052, 80.4266,
78.6137

■ 59.0079, 48.8629,
32.3086

■ 90.8728, 94.1551,
99.7716

■ 53.8664, 41.3280,
22.1227

95.0500, 100.0000,
108.9000

■ 49.7373, 35.1637,
14.2914

■ 46.5517, 30.2862,
8.6244

■ 44.2317, 26.6029,
4.9016

■ 42.6858, 24.0078,
2.8551

■ 42.0618, 22.9035,
2.2039

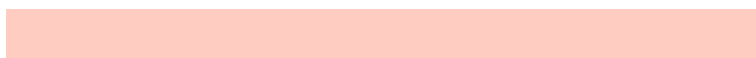
Harmonies

Analogous

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



74.3445, 68.3408, 71.9603



72.5705, 68.3408, 60.4051



68.7632, 68.3408, 53.3100

Triad

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



72.5705, 68.3408, 60.4051



57.0956, 68.3408, 64.2186



65.8252, 68.3408, 103.1687

Complementary

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



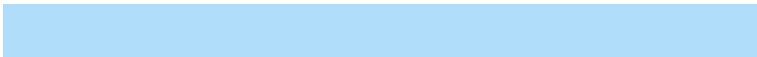
72.5705, 68.3408, 60.4051



72.9494, 83.9914, 106.9749

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.



61.2918, 68.3408, 100.4547



72.5705, 68.3408, 60.4051



56.3929, 68.3408, 76.9178

Square

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



72.5705, 68.3408, 60.4051



59.8610, 68.3408, 55.3193



57.8935, 68.3408, 90.4312



70.3320, 68.3408, 97.4574

Rectangle

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



72.5705, 68.3408, 60.4051



65.6636, 68.3408, 51.5347



57.8935, 68.3408, 90.4312



64.2532, 68.3408, 103.2187

Sweetspot

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



72.5721, 68.3438, 60.4065



87.7310, 89.7491, 92.9351



77.1437, 66.4888, 95.8360



18.6492, 19.0292, 19.6123



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.



72.5721, 68.3438, 60.4065



68.6952, 62.8174, 52.2473



80.3012, 83.8019, 62.9828



18.2500, 18.4682, 18.7472



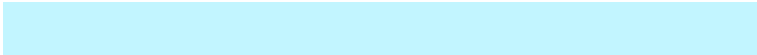
22.0485, 12.1081, 1.1750



2.2117, 1.3087, 0.1360

Inverse Universe

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



72.9494, 83.9914, 106.9749



69.1297, 81.0737, 106.6130



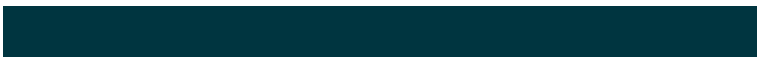
64.6884, 67.4693, 104.2212



18.2863, 19.9442, 23.1358



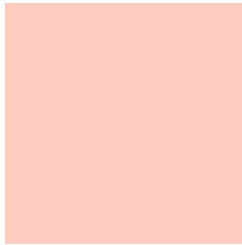
21.9818, 28.8732, 53.8491



2.2049, 2.9404, 5.2646

Previews

White Background



This preview shows how the XYZ color 72.5705, 68.3408, 60.4051 looks on a white background.

Color Contrast Check

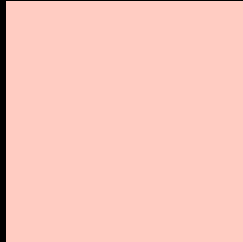
Large Text (above 18pt) WCAG AA × Fail

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 72.5705, 68.3408, 60.4051 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 72.5705, 68.3408, 60.4051

Background



This preview shows how black text looks on a background with the XYZ color 72.5705, 68.3408, 60.4051.

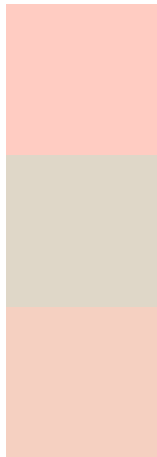


This preview shows how white text looks on a background with the XYZ color 72.5705, 68.3408,

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

72.5705, 68.3408, 60.4051

Protanopia

65.1572, 68.4590, 64.4233

Deuteranopia

69.8377, 68.3745, 59.9688



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

72.5705, 68.3408, 60.4051

Protanomaly

67.7483, 68.3279, 63.0440

Deuteranomaly

71.0054, 68.6156, 59.9538

Tritanomaly

73.9811, 68.5259, 69.0021

Monochromacy



Original Color

72.5705, 68.3408, 60.4051

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2579, 69.1809, 70.0773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5705, 68.3408, 60.4051 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, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 194)  
}
```

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, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 194) }
```

Border

The CSS property to change the border of an element to XYZ 72.5705, 68.3408, 60.4051 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, 204, 194) }
```


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

```
.border{ border-color:rgb(255, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5705, 68.3408, 60.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 194) }
```

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

```
.background{ background-color: rgb(255,  
204, 194) }
```

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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