

Converting Colors

XYZ(101.1116, 83.5625,
62.1680)

Have a look what the booklet for
XYZ(101.1116, 83.5625, 62.1680)
contains.

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Color

**XYZ(72.9216, 68.8628,
61.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC3
RGB	255, 205, 195
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.1961, 0.2353
CMYK	0.00, 0.20, 0.24, 0.00
HSL	10°, 100%, 88%
HSV	10°, 24%, 100%
XYZ	72.9216, 68.8628, 61.0782
YIQ	218.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

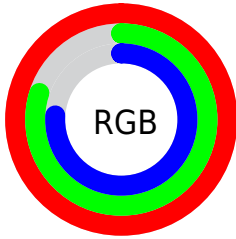
Format	Color
R _Y B	255, 207, 195
Decimal	16764355
CIE Lab	86.44, 16.20, 11.67
CIE LCh	86, 19.961, 35.774
Yxy	68.8628, 0.3595, 0.3395
Android (android.graphics.Color)	4294954435 (0xFFFFCDC3)
YUV	218.8100, -11.7383, 31.7386
Hunter-Lab	82.9836, 11.6350, 14.4495

Details

The XYZ color **72.9216, 68.8628, 61.0782** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2070, 84.1241, 106.9869**, and the grayscale version is **67.2645, 70.7675, 77.0658**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.9003, 35.9266, 30.0836** is the 20% darker color. If you saturate the color by 10%, you get **65.5390, 58.3242, 45.5868**, and if you desaturate by 10%, it is **81.4903, 80.9850, 79.3956**.

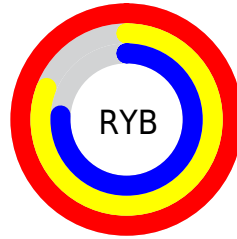
Distribution



Red (100%)

Green (80%)

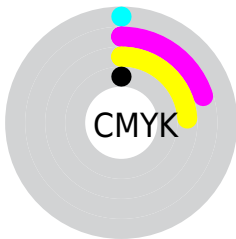
Blue (76%)



Red (100%)

Yellow (81%)

Blue (76%)

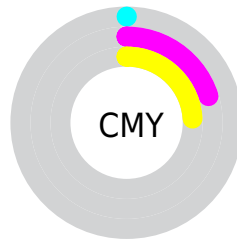


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9216, 68.8628, 61.0782 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 72.9216, 68.8628, 61.0782 by changing the saturation by 10% instead.


 72.9216, 68.8628,
61.0782

 72.9216, 68.8628,
61.0782


459.8510,
456.5469, 446.4752

 54.2000, 50.6000,
43.8573


122.3696,
117.5856, 107.9508

 38.9929, 35.8904,
30.2220


153.8268,
148.8144, 138.4396

 26.9349, 24.3495,
19.7537


190.2598,
185.1339, 174.1881

 17.6607, 15.5931,
12.0338

232.0342,
226.9286, 215.6148

 10.8049, 9.2367,
6.6439

279.5151,
274.5828, 263.1384

 6.0021, 4.8959,
3.1654

333.0680,

 2.8870, 2.1863,

328.4811, 317.1772

1.1797

393.0582,
389.0076, 378.1500

■ 1.0943, 0.7125,
0.0000

■ 0.0203, 0.0000,
0.0000

■ 72.9216, 68.8628,
61.0782

■ 72.9216, 68.8628,
61.0782

■ 65.5390, 58.3242,
45.5868

■ 81.4903, 80.9850,
79.3956

■ 59.2847, 49.2947,
32.7763

■ 91.2893, 94.7429,
100.6657

■ 54.1036, 41.7074,
22.4950

95.0500, 100.0000,
108.9000

■ 49.9341, 35.4869,
14.5741

■ 46.7081, 30.5510,
8.8245

■ 44.3483, 26.8079,
5.0277

■ 42.7647, 24.1537,
2.9183

■ 42.0866, 22.9532,
2.2122

Harmonies

Analogous

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



74.6872, 68.8628, 72.4512



72.9216, 68.8628, 61.0782



69.1626, 68.8628, 54.1032

Triad

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



72.9216, 68.8628, 61.0782



57.6860, 68.8628, 65.0242



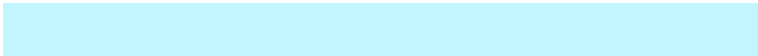
66.3491, 68.8628, 103.2248

Complementary

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



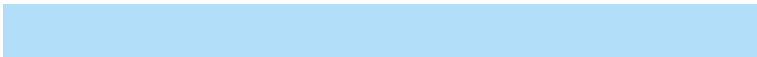
72.9216, 68.8628, 61.0782



73.2070, 84.1241, 106.9869

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.



61.8766, 68.8628, 100.6356



72.9216, 68.8628, 61.0782



57.0114, 68.8628, 77.5667

Square

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



72.9216, 68.8628, 61.0782



60.3986, 68.8628, 56.1870



58.5108, 68.8628, 90.8455



70.7798, 68.8628, 97.5556

Rectangle

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



72.9216, 68.8628, 61.0782



66.1084, 68.8628, 52.3763



58.5108, 68.8628, 90.8455



64.8000, 68.8628, 103.2989

Sweetspot

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



72.9234, 68.8659, 61.0796



87.7453, 89.7779, 92.9399



77.2369, 66.8835, 95.2254



18.6525, 19.0358, 19.6134



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.



72.9234, 68.8659, 61.0796



69.4786, 63.9614, 53.8117



80.7990, 84.6171, 63.7048



18.2541, 18.4763, 18.7485



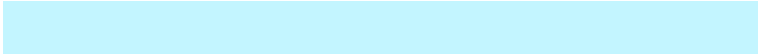
22.0624, 12.1360, 1.1797



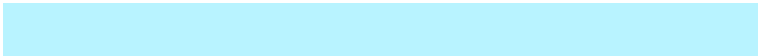
2.2136, 1.3126, 0.1367

Inverse Universe

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



73.2070, 84.1241, 106.9869



69.8002, 81.5184, 106.6635



64.8568, 67.4237, 104.2035



18.2819, 19.9354, 23.1343



21.8914, 28.6924, 53.8190



2.1969, 2.9244, 5.2620

Previews

White Background



This preview shows how the XYZ color 72.9216, 68.8628, 61.0782 looks on a white background.

Color Contrast Check

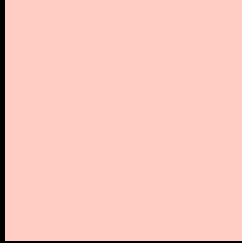
Large Text (above 18pt) WCAG AA × Fail

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 72.9216, 68.8628, 61.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

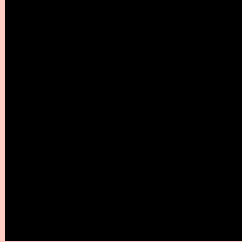
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9216, 68.8628, 61.0782

Background



This preview shows how black text looks on a background with the XYZ color 72.9216, 68.8628, 61.0782.



This preview shows how white text looks on a background with the XYZ color 72.9216, 68.8628,

61.0782.

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

72.9216, 68.8628, 61.0782

Protanopia

65.8390, 69.1761, 65.1406

Deuteranopia

70.5441, 69.0888, 60.6563



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

72.9216, 68.8628, 61.0782

Protanomaly

68.1132, 68.8727, 63.7366

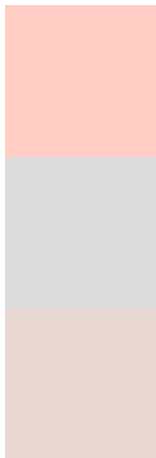
Deuteranomaly

71.3604, 69.1465, 60.6245

Tritanomaly

74.3415, 69.0492, 69.7312

Monochromacy



Original Color

72.9216, 68.8628, 61.0782

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.9581, 69.9021, 70.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9216, 68.8628, 61.0782 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, 205, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 195)  
}
```

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, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.9216, 68.8628, 61.0782 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, 205, 195) }
```


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

```
.border{ border-color:rgb(255, 205, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9216, 68.8628, 61.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 195) }
```

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

```
.background{ background-color: rgb(255,  
205, 195) }
```

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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