

Converting Colors

XYZ(71.9435, 68.1358, 56.9625)

Have a look what the booklet for
XYZ(71.9435, 68.1358, 56.9625)
contains.

XYZ(71.9100, 68.0766, 56.9270)	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(71.9100, 68.0766,
56.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCBC
RGB	255, 204, 188
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.2000, 0.2627
CMYK	0.00, 0.20, 0.26, 0.00
HSL	14°, 100%, 87%
HSV	14°, 26%, 100%
XYZ	71.9100, 68.0766, 56.9270
YIQ	217.4250, 35.5320, 5.8360

Conversions

Conversions Part 2

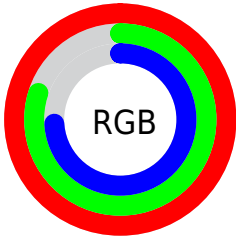
Format	Color
R _Y B	255, 209, 188
Decimal	16764092
CIE Lab	86.04, 15.76, 14.82
CIE LCh	86, 21.630, 43.246
Yxy	68.0766, 0.3652, 0.3457
Android (android.graphics.Color)	4294954172 (0xFFFFCCBC)
YUV	217.4250, -14.5065, 32.9533
Hunter-Lab	82.5085, 11.1810, 16.8487

Details

The XYZ color **71.9100, 68.0766, 56.9270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6545, 79.6418, 106.3090**, and the grayscale version is **66.3258, 69.7799, 75.9903**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **38.3055, 35.4323, 27.7419** is the 20% darker color. If you saturate the color by 10%, you get **65.0712, 58.4164, 42.2625**, and if you desaturate by 10%, it is **79.8127, 79.0869, 74.3438**.

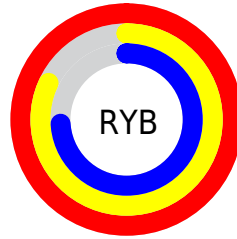
Distribution



Red (100%)

Green (80%)

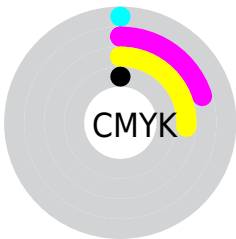
Blue (74%)



Red (100%)

Yellow (82%)

Blue (74%)

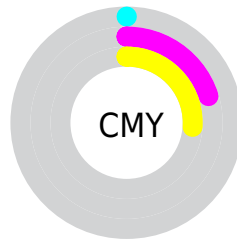


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9100, 68.0766, 56.9270 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 71.9100, 68.0766, 56.9270 by changing the saturation by 10% instead.


 71.9100, 68.0766,
56.9270

 71.9100, 68.0766,
56.9270


456.3908,
453.7674, 430.6618

 53.3704, 49.9601,
40.5377


 120.9401,
116.4617, 101.8579

 38.3272, 35.3817,
27.6410

152.1612,
147.4991, 131.2366

 26.4151, 23.9570,
17.8186


188.3402,
183.6122, 165.7822

 17.2687, 15.3017,
10.6517

229.8424,
225.1854, 205.9131

 10.5228, 9.0314,
5.7219

277.0332,
272.6031, 252.0480

 5.8118, 4.7617,
2.6107

330.2780,

 2.7706, 2.1081,

326.2498, 304.6054

0.8980

389.9421,
386.5097, 364.0038

■ 1.0336, 0.6692,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9100, 68.0766,
56.9270

■ 71.9100, 68.0766,
56.9270

■ 65.0712, 58.4164,
42.2625

■ 79.8127, 79.0869,
74.3438

■ 59.2448, 50.0448,
30.2046

■ 88.8180, 91.4876,
94.6403

■ 54.3821, 42.9091,
20.6002

95.0500, 100.0000,
108.9000

■ 50.4283, 36.9490,
13.2784

■ 47.3229, 32.0994,
8.0464

■ 44.9967, 28.2880,
4.6788

■ 43.3681, 25.4329,
2.8961

■ 42.9042, 24.5884,
2.4847

Harmonies

Analogous

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



74.4483, 68.0766, 68.0346



71.9100, 68.0766, 56.9270



67.4956, 68.0766, 50.9070

Triad

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



71.9100, 68.0766, 56.9270



55.9880, 68.0766, 66.5194



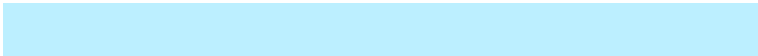
66.9167, 68.0766, 104.0459

Complementary

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



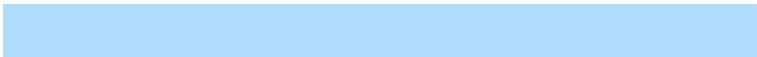
71.9100, 68.0766, 56.9270



69.6545, 79.6418, 106.3090

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.



61.9920, 68.0766, 103.5039



71.9100, 68.0766, 56.9270



55.8508, 68.0766, 80.5661

Square

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



71.9100, 68.0766, 56.9270



58.3826, 68.0766, 55.9404



57.9977, 68.0766, 94.4759



71.4676, 68.0766, 95.8738

Rectangle

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



71.9100, 68.0766, 56.9270



64.1657, 68.0766, 50.0428



57.9977, 68.0766, 94.4759



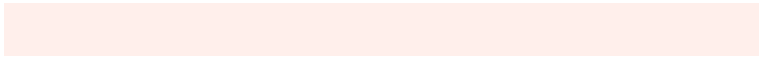
65.2468, 68.0766, 104.9051

Sweetspot

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



71.9116, 68.0797, 56.9284



87.1829, 89.2455, 90.9257



74.8578, 63.4808, 90.2535



18.3616, 18.6914, 18.7844



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.



71.9116, 68.0797, 56.9284



67.8679, 62.3852, 48.2029



80.6402, 85.5368, 59.8379



18.3616, 18.6914, 18.7844



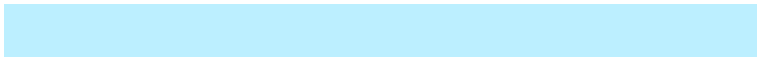
22.5136, 13.0384, 1.3301



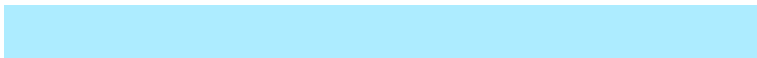
2.2722, 1.4298, 0.1562

Inverse Universe

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



69.6545, 79.6418, 106.3090



65.2259, 75.8574, 105.8119



60.8289, 61.9906, 103.3671



18.1656, 19.7027, 23.0955



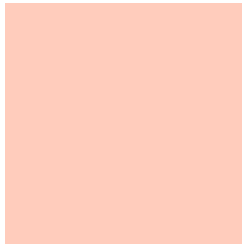
19.6433, 24.1961, 53.0696



1.9967, 2.5241, 5.1952

Previews

White Background



This preview shows how the XYZ color 71.9100, 68.0766, 56.9270 looks on a white background.

Color Contrast Check

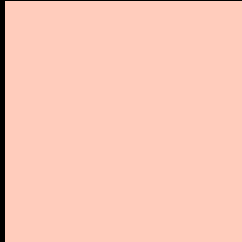
Large Text (above 18pt) WCAG AA × Fail

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 71.9100, 68.0766, 56.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

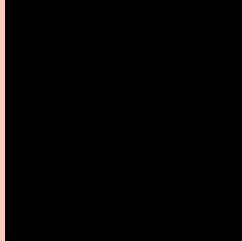
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9100, 68.0766, 56.9270

Background



This preview shows how black text looks on a background with the XYZ color 71.9100, 68.0766, 56.9270.



This preview shows how white text looks on a background with the XYZ color 71.9100, 68.0766,

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

71.9100, 68.0766, 56.9270

Protanopia

64.7785, 68.3432, 60.8163

Deuteranopia

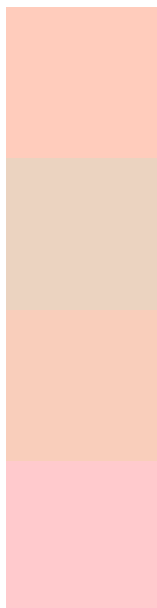
69.2885, 67.8063, 56.4497



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

71.9100, 68.0766, 56.9270

Protanomaly

67.0696, 68.0565, 59.4704

Deuteranomaly

70.1079, 67.8702, 56.4189

Tritanomaly

73.3800, 67.9088, 66.9978

Monochromacy



Original Color

71.9100, 68.0766, 56.9270

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.6391, 68.5321, 68.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9100, 68.0766, 56.9270 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 188) }
```

Border

The CSS property to change the border of an element to XYZ 71.9100, 68.0766, 56.9270 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, 188) }
```


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

```
.border{ border-color:rgb(255, 204, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9100, 68.0766, 56.9270 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
204, 188) }
```

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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