

Converting Colors

XYZ(78.2188, 71.4274, 58.9486)

Have a look what the booklet for
XYZ(78.2188, 71.4274, 58.9486)
contains.

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Color

**XYZ(72.2368, 68.2073,
58.6483)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCBF
RGB	255, 204, 191
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.2000, 0.2510
CMYK	0.00, 0.20, 0.25, 0.00
HSL	12°, 100%, 87%
HSV	12°, 25%, 100%
XYZ	72.2368, 68.2073, 58.6483
YIQ	217.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

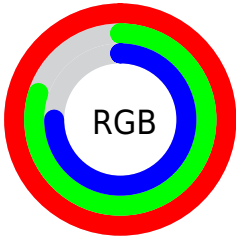
Format	Color
R _Y B	255, 207, 191
Decimal	16764095
CIE Lab	86.11, 16.16, 13.32
CIE LCh	86, 20.947, 39.500
Yxy	68.2073, 0.3628, 0.3426
Android (android.graphics.Color)	4294954175 (0xFFFFCCBF)
YUV	217.7670, -13.1961, 32.6533
Hunter-Lab	82.5877, 11.5997, 15.7076

Details

The XYZ color **72.2368, 68.2073, 58.6483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2870, 81.7981, 106.6391**, and the grayscale version is **66.5528, 70.0188, 76.2504**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **38.5197, 35.5180, 28.8702** is the 20% darker color. If you saturate the color by 10%, you get **65.1530, 58.1464, 43.6266**, and if you desaturate by 10%, it is **80.4426, 79.7298, 76.4559**.

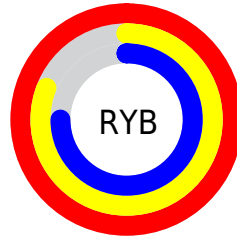
Distribution



Red (100%)

Green (80%)

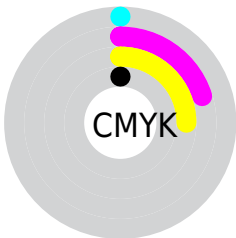
Blue (75%)



Red (100%)

Yellow (81%)

Blue (75%)

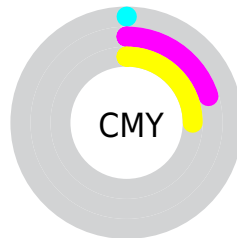


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2368, 68.2073, 58.6483 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 72.2368, 68.2073, 58.6483 by changing the saturation by 10% instead.


 72.2368, 68.2073,
58.6483

 72.2368, 68.2073,
58.6483


457.5102,
454.2301, 437.2629

 53.6383, 50.0664,
41.9119


 121.4021,
116.6487, 104.3904

 38.5421, 35.4662,
28.7073


152.6996,
147.7179, 134.2332

 26.5828, 24.0222,
18.6158


188.9609,
183.8654, 169.2820

 17.3951, 15.3501,
11.2190

230.5512,
225.4755, 209.9551

 10.6136, 9.0654,
6.0983

277.8359,
272.9326, 256.6712

 5.8730, 4.7839,
2.8352

331.1804,

 2.8080, 2.1210,

326.6212, 309.8489

1.0111

390.9501,
386.9256, 369.9066

■ 1.0530, 0.6764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2368, 68.2073,
58.6483

■ 72.2368, 68.2073,
58.6483

■ 65.1530, 58.1464,
43.6266

■ 80.4426, 79.7298,
76.4559

■ 59.1367, 49.4794,
31.2452

■ 89.8117, 92.7599,
97.1765

■ 54.1361, 42.1467,
21.3515

95.0500, 100.0000,
108.9000

■ 50.0931, 36.0811,
13.7757

■ 46.9435, 31.2090,
8.3262

■ 44.6144, 27.4491,
4.7806

■ 43.0201, 24.7089,
2.8660

■ 42.4598, 23.6997,
2.3366

Harmonies

Analogous

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



74.3935, 68.2073, 69.9763



72.2368, 68.2073, 58.6483



68.1249, 68.2073, 52.1004

Triad

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



72.2368, 68.2073, 58.6483



56.5397, 68.2073, 65.3639



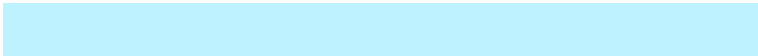
66.3687, 68.2073, 103.5998

Complementary

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



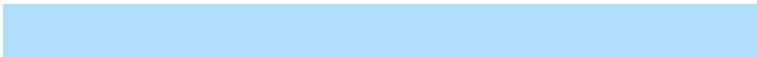
72.2368, 68.2073, 58.6483



71.2870, 81.7981, 106.6391

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.



61.6411, 68.2073, 101.9665



72.2368, 68.2073, 58.6483



56.1216, 68.2073, 78.7279

Square

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



72.2368, 68.2073, 58.6483



59.1178, 68.2073, 55.6316



57.9458, 68.2073, 92.4363



70.8967, 68.2073, 96.6566

Rectangle

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



72.2368, 68.2073, 58.6483



64.9098, 68.2073, 50.7869



57.9458, 68.2073, 92.4363



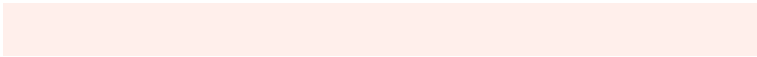
64.7482, 68.2073, 104.0531

Sweetspot

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



72.2385, 68.2104, 58.6497



86.9697, 88.8191, 90.8546



75.9283, 64.9452, 92.6961



18.3083, 18.5847, 18.7666



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.



72.2385, 68.2104, 58.6497



68.6280, 63.0981, 50.9452



80.5822, 84.8977, 61.4309



18.3083, 18.5847, 18.7666



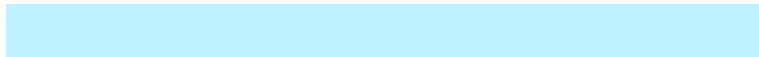
22.2698, 12.5508, 1.2488



2.2415, 1.3683, 0.1460

Inverse Universe

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



71.2870, 81.7981, 106.6391



67.5249, 78.7440, 106.2479



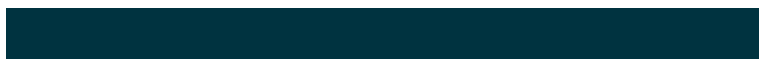
62.6326, 64.4892, 103.7543



18.2230, 19.8175, 23.1147



20.7227, 26.3550, 53.4294



2.0932, 2.7172, 5.2274

Previews

White Background



This preview shows how the XYZ color 72.2368, 68.2073, 58.6483 looks on a white background.

Color Contrast Check

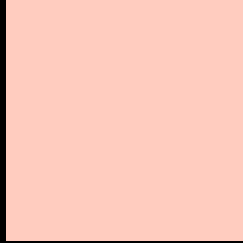
Large Text (above 18pt) WCAG AA × Fail

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 72.2368, 68.2073, 58.6483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

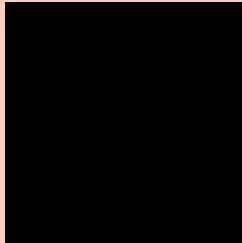
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2368, 68.2073, 58.6483

Background



This preview shows how black text looks on a background with the XYZ color 72.2368, 68.2073, 58.6483.



This preview shows how white text looks on a background with the XYZ color 72.2368, 68.2073,

58.6483.

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

72.2368, 68.2073, 58.6483

Protanopia

65.1190, 68.4794, 62.6090

Deuteranopia

69.8562, 68.4223, 58.2402



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

72.2368, 68.2073, 58.6483

Protanomaly

67.4055, 68.1908, 61.2393

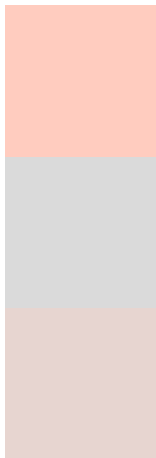
Deuteranomaly

70.6740, 68.4831, 58.2088

Tritanomaly

73.6230, 68.0061, 68.2776

Monochromacy



Original Color

72.2368, 68.2073, 58.6483

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.1344, 69.1315, 69.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2368, 68.2073, 58.6483 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 191) }
```

Border

The CSS property to change the border of an element to XYZ 72.2368, 68.2073, 58.6483 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, 191) }
```


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

```
.border{ border-color:rgb(255, 204, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2368, 68.2073, 58.6483 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
204, 191) }
```

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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