

Converting Colors

XYZ(93.9355, 80.4331, 59.7043)

Have a look what the booklet for
XYZ(93.9355, 80.4331, 59.7043)
contains.

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Color

**XYZ(72.9568, 69.6472,
58.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFBF
RGB	255, 207, 191
RGB Percent	100%, 81%, 75%
CMY	0.0000, 0.1882, 0.2510
CMYK	0.00, 0.19, 0.25, 0.00
HSL	15°, 100%, 87%
HSV	15°, 25%, 100%
XYZ	72.9568, 69.6472, 58.8882
YIQ	219.5280, 33.7440, 5.2000

Conversions

Conversions Part 2

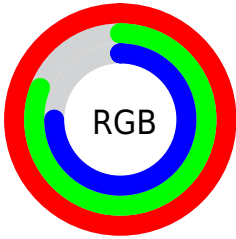
Format	Color
R _Y B	255, 212, 191
Decimal	16764863
CIE Lab	86.82, 14.60, 14.33
CIE LCh	87, 20.458, 44.473
Yxy	69.6472, 0.3621, 0.3457
Android (android.graphics.Color)	4294954943 (0xFFFFCFBF)
YUV	219.5280, -14.0643, 31.1089
Hunter-Lab	83.4549, 9.9998, 16.5817

Details

The XYZ color **72.9568, 69.6472, 58.8882** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4014, 80.0268, 106.3439**, and the grayscale version is **67.7784, 71.3082, 77.6546**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **39.0046, 36.4878, 29.0318** is the 20% darker color. If you saturate the color by 10%, you get **66.0356, 59.9115, 43.9207**, and if you desaturate by 10%, it is **80.9311, 80.7068, 76.6187**.

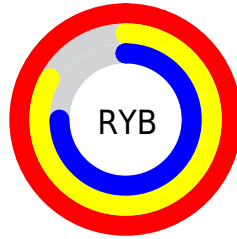
Distribution



Red (100%)

Green (81%)

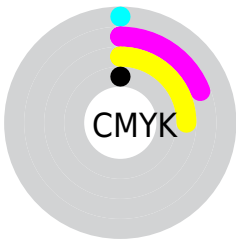
Blue (75%)



Red (100%)

Yellow (83%)

Blue (75%)

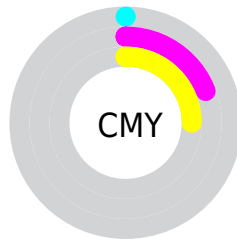


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9568, 69.6472, 58.8882 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 72.9568, 69.6472, 58.8882 by changing the saturation by 10% instead.


 72.9568, 69.6472,
58.8882

 72.9568, 69.6472,
58.8882


459.9712,
459.3103, 438.1778

 54.2289, 51.2390,
42.1037


 122.4193,
118.7055, 104.7427

 39.0161, 36.3988,
28.8563


153.8847,
150.1244, 134.6497

 26.9530, 24.7424,
18.7275


190.3266,
186.6489, 169.7681

 17.6743, 15.8852,
11.2987

232.1103,
228.6635, 210.5162

 10.8147, 9.4430,
6.1515

279.6013,
276.5525, 257.3128

 6.0087, 5.0312,
2.8671

333.1649,

 2.8911, 2.2656,

330.7004, 310.5762

1.0272

393.1664,
391.4915, 370.7250

■ 1.0964, 0.7554,
0.0000

■ 0.0221, 0.0000,
0.0000

■ 72.9568, 69.6472,
58.8882

■ 72.9568, 69.6472,
58.8882

■ 66.0356, 59.9115,
43.9207

■ 80.9311, 80.7068,
76.6187

■ 60.1171, 51.4403,
31.5720

■ 89.9960, 93.1284,
97.2379

■ 55.1544, 44.1834,
21.6910

95.0500, 100.0000,
108.9000

■ 51.0944, 38.0837,
14.1094

■ 47.8785, 33.0790,
8.6379

■ 45.4403, 29.1008,
5.0559

■ 43.7016, 26.0720,
3.0932

■ 43.0605, 24.9009,
2.5368

Harmonies

Analogous

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



75.4763, 69.6472, 69.4599



72.9568, 69.6472, 58.8882



68.6819, 69.6472, 53.2467

Triad

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



72.9568, 69.6472, 58.8882



57.7521, 69.6472, 69.0210



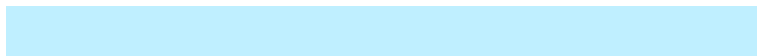
68.5152, 69.6472, 104.2007

Complementary

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



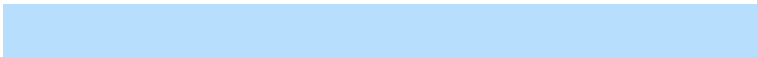
72.9568, 69.6472, 58.8882



70.4014, 80.0268, 106.3439

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.



63.7739, 69.6472, 104.0463



72.9568, 69.6472, 58.8882



57.7123, 69.6472, 82.5865

Square

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



72.9568, 69.6472, 58.8882



59.9808, 69.6472, 58.6002



59.8693, 69.6472, 95.7537



72.8297, 69.6472, 96.1531

Rectangle

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



72.9568, 69.6472, 58.8882



65.4852, 69.6472, 52.5560



59.8693, 69.6472, 95.7537



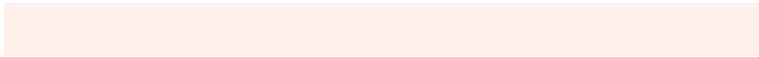
66.9151, 69.6472, 105.1344

Sweetspot

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



72.9585, 69.6503, 58.8896



87.2500, 89.3797, 90.9480



75.4512, 64.7543, 90.1838



18.3784, 18.7250, 18.7900



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.



72.9585, 69.6503, 58.8896



69.4360, 64.7142, 51.2146



81.5108, 86.7549, 61.7404



18.3784, 18.7250, 18.7900



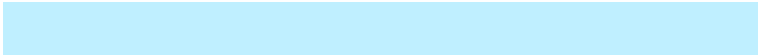
22.5987, 13.2086, 1.3584



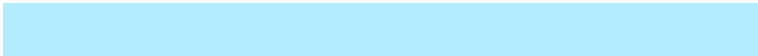
2.2826, 1.4505, 0.1597

Inverse Universe

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



70.4014, 80.0268, 106.3439



66.4828, 76.6597, 105.9005



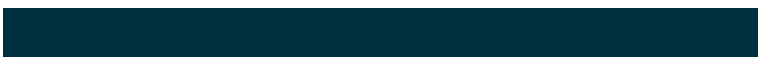
61.8493, 62.9228, 103.4932



18.1476, 19.6668, 23.0895



19.3175, 23.5446, 52.9610



1.9674, 2.4655, 5.1855

Previews

White Background



This preview shows how the XYZ color 72.9568, 69.6472, 58.8882 looks on a white background.

Color Contrast Check

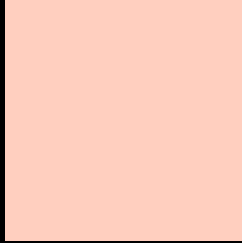
Large Text (above 18pt) WCAG AA × Fail

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 72.9568, 69.6472, 58.8882 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 72.9568, 69.6472, 58.8882

Background



This preview shows how black text looks on a background with the XYZ color 72.9568, 69.6472, 58.8882.



This preview shows how white text looks on a background with the XYZ color 72.9568, 69.6472,

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

72.9568, 69.6472, 58.8882

Protanopia

66.4552, 69.9421, 62.2222

Deuteranopia

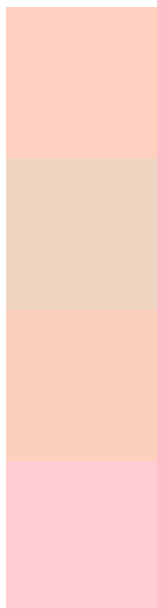
71.0523, 69.7674, 58.4368



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

72.9568, 69.6472, 58.8882

Protanomaly

68.4569, 69.4881, 60.8434

Deuteranomaly

71.8784, 69.8279, 58.4049

Tritanomaly

74.5799, 69.5261, 69.8107

Monochromacy



Original Color

72.9568, 69.6472, 58.8882

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.4133, 70.5280, 70.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9568, 69.6472, 58.8882 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, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 191) }
```

Border

The CSS property to change the border of an element to XYZ 72.9568, 69.6472, 58.8882 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, 207, 191) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9568, 69.6472, 58.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 191) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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