

Converting Colors

XYZ(153.0590, 110.2273,
61.2667)

Have a look what the booklet for
XYZ(153.0590, 110.2273, 61.2667)
contains.

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Color

**XYZ(72.2566, 68.5968,
57.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDBD
RGB	255, 205, 189
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.1961, 0.2588
CMYK	0.00, 0.20, 0.26, 0.00
HSL	15°, 100%, 87%
HSV	15°, 26%, 100%
XYZ	72.2566, 68.5968, 57.5763
YIQ	218.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

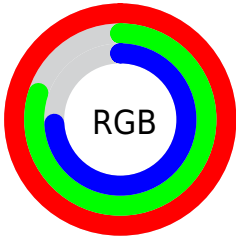
Format	Color
R _Y B	255, 210, 189
Decimal	16764349
CIE Lab	86.30, 15.37, 14.66
CIE LCh	86, 21.237, 43.640
Yxy	68.5968, 0.3641, 0.3457
Android (android.graphics.Color)	4294954429 (0xFFFFCDBD)
YUV	218.1260, -14.3591, 32.3385
Hunter-Lab	82.8232, 10.7864, 16.7595

Details

The XYZ color **72.2566, 68.5968, 57.5763** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9017, 79.7692, 106.3205**, and the grayscale version is **66.8080, 70.2873, 76.5428**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.5365, 35.7811, 28.1679** is the 20% darker color. If you saturate the color by 10%, you get **65.3896, 58.9098, 42.8108**, and if you desaturate by 10%, it is **80.1842, 79.6256, 75.0978**.

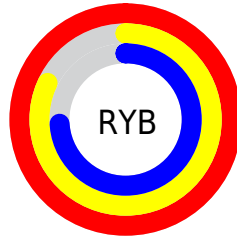
Distribution



Red (100%)

Green (80%)

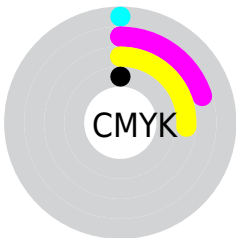
Blue (74%)



Red (100%)

Yellow (82%)

Blue (74%)

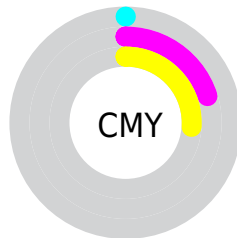


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2566, 68.5968, 57.5763 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 72.2566, 68.5968, 57.5763 by changing the saturation by 10% instead.


 72.2566, 68.5968,
57.5763

 72.2566, 68.5968,
57.5763


457.5780,
455.6076, 433.1594

 53.6545, 50.3834,
41.0557


 121.4301,
117.2055, 102.8143

 38.5551, 35.7181,
28.0426


152.7323,
148.3696, 132.3687

 26.5930, 24.2166,
18.1184


188.9985,
184.6194, 167.1048

 17.4028, 15.4944,
10.8647

230.5941,
226.3393, 207.4411

 10.6191, 9.1671,
5.8629

277.8845,
273.9137, 253.7962

 5.8768, 4.8503,
2.6945

331.2351,

 2.8102, 2.1597,

327.7269, 306.5886

0.9406

391.0111,
388.1634, 366.2368

■ 1.0542, 0.6979,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2566, 68.5968,
57.5763

■ 72.2566, 68.5968,
57.5763

■ 65.3896, 58.9098,
42.8108

■ 80.1842, 79.6256,
75.0978

■ 59.5319, 50.5037,
30.6559

■ 89.2105, 92.0356,
95.5021

■ 54.6354, 43.3265,
20.9593

95.0500, 100.0000,
108.9000

■ 50.6459, 37.3192,
13.5512

■ 47.5035, 32.4175,
8.2395

■ 45.1400, 28.5504,
4.8008

■ 43.4748, 25.6375,
2.9588

■ 42.9539, 24.6877,
2.5013

Harmonies

Analogous

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



74.7885, 68.5968, 68.5072



72.2566, 68.5968, 57.5763



67.8886, 68.5968, 51.6800

Triad

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



72.2566, 68.5968, 57.5763



56.5720, 68.5968, 67.3462



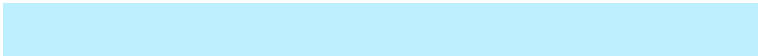
67.4459, 68.5968, 104.0942

Complementary

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



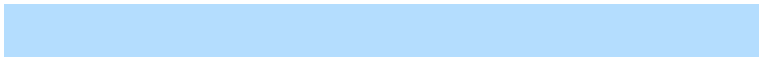
72.2566, 68.5968, 57.5763



69.9017, 79.7692, 106.3205

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.



62.5817, 68.5968, 103.6813



72.2566, 68.5968, 57.5763



56.4668, 68.5968, 81.2346

Square

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



72.2566, 68.5968, 57.5763



58.9120, 68.5968, 56.8184



58.6170, 68.5968, 94.8982



71.9186, 68.5968, 95.9643

Rectangle

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



72.2566, 68.5968, 57.5763



64.6030, 68.5968, 50.8723



58.6170, 68.5968, 94.8982



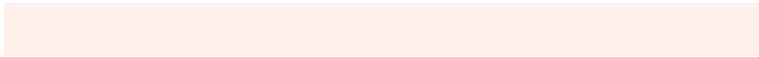
65.7991, 68.5968, 104.9782

Sweetspot

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



72.2583, 68.5999, 57.5777



87.2046, 89.2889, 90.9329



75.1068, 63.9234, 90.5071



18.3670, 18.7022, 18.7862



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.



72.2583, 68.5999, 57.5777



68.6135, 63.4766, 49.6842



80.8257, 85.7347, 60.4335



18.3670, 18.7022, 18.7862



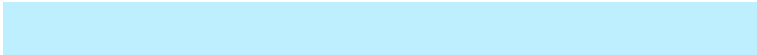
22.5406, 13.0925, 1.3391



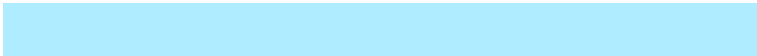
2.2755, 1.4364, 0.1573

Inverse Universe

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



69.9017, 79.7692, 106.3205



65.8897, 76.3374, 105.8696



61.2530, 62.4717, 103.4376



18.1597, 19.6911, 23.0936



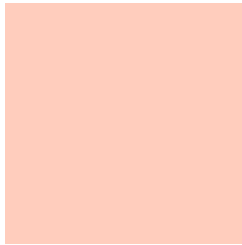
19.5372, 23.9841, 53.0342



1.9872, 2.5051, 5.1921

Previews

White Background



This preview shows how the XYZ color 72.2566, 68.5968, 57.5763 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 72.2566, 68.5968, 57.5763 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 72.2566, 68.5968, 57.5763

Background



This preview shows how black text looks on a background with the XYZ color 72.2566, 68.5968, 57.5763.



This preview shows how white text looks on a background with the XYZ color 72.2566, 68.5968,

57.5763.

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

72.2566, 68.5968, 57.5763

Protanopia

65.3448, 69.0143, 60.9160

Deuteranopia

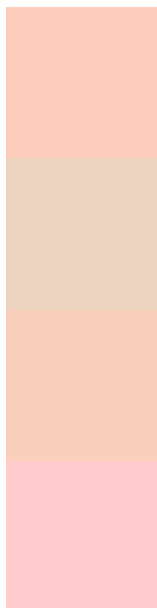
69.9907, 68.5167, 57.1131



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

72.2566, 68.5968, 57.5763

Protanomaly

67.6500, 68.7256, 59.5690

Deuteranomaly

70.8143, 68.5805, 57.0820

Tritanomaly

73.7365, 68.4281, 67.7141

Monochromacy



Original Color

72.2566, 68.5968, 57.5763

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0117, 69.0824, 68.7811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2566, 68.5968, 57.5763 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 189) }
```

Border

The CSS property to change the border of an element to XYZ 72.2566, 68.5968, 57.5763 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, 189) }
```


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

```
.border{ border-color:rgb(255, 205, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 189); box-shadow:4px 4px 4px 4px rgb(255, 205, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2566, 68.5968, 57.5763 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
205, 189) }
```

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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