

Converting Colors

XYZ(72.3555, 68.8466, 57.4487)

Have a look what the booklet for
XYZ(72.3555, 68.8466, 57.4487)
contains.

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Color

**XYZ(72.4966, 69.0767,
57.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEBD
RGB	255, 206, 189
RGB Percent	100%, 81%, 74%
CMY	0.0000, 0.1921, 0.2588
CMYK	0.00, 0.19, 0.26, 0.00
HSL	15°, 100%, 87%
HSV	15°, 26%, 100%
XYZ	72.4966, 69.0767, 57.6563
YIQ	218.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

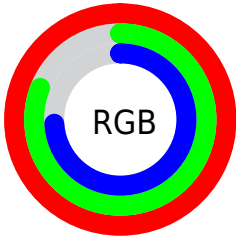
Format	Color
R _{YB}	255, 212, 189
Decimal	16764605
CIE Lab	86.54, 14.85, 14.99
CIE LCh	87, 21.100, 45.277
Yxy	69.0767, 0.3639, 0.3467
Android (android.graphics.Color)	4294954685 (0xFFFFCEBD)
YUV	218.7130, -14.6485, 31.8237
Hunter-Lab	83.1124, 10.2538, 17.0483

Details

The XYZ color **72.4966, 69.0767, 57.6563** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6099, 79.1854, 106.2232**, and the grayscale version is **67.2160, 70.7164, 77.0102**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.6981, 36.1044, 28.2218** is the 20% darker color. If you saturate the color by 10%, you get **65.6824, 59.4954, 42.9084**, and if you desaturate by 10%, it is **80.3497, 79.9566, 75.1530**.

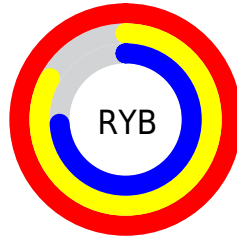
Distribution



Red (100%)

Green (81%)

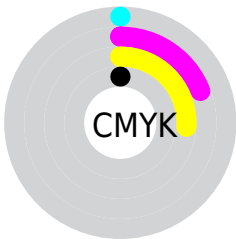
Blue (74%)



Red (100%)

Yellow (83%)

Blue (74%)

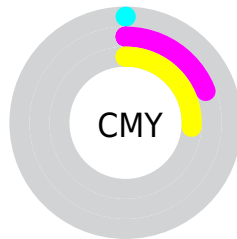


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4966, 69.0767, 57.6563 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 72.4966, 69.0767, 57.6563 by changing the saturation by 10% instead.


 72.4966, 69.0767,
57.6563

 72.4966, 69.0767,
57.6563


458.3991,
457.3014, 433.4664

 53.8514, 50.7742,
41.1195

 121.7693,
117.8911, 102.9320

 38.7130, 36.0289,
28.0921


153.1274,
149.1718, 132.5080

 26.7163, 24.4565,
18.1554


189.4539,
185.5473, 167.2675

 17.4957, 15.6726,
10.8910

231.1141,
227.4021, 207.6291

 10.6861, 9.2928,
5.8804

278.4734,
275.1205, 254.0112

 5.9219, 4.9326,
2.7049

331.8971,

 2.8378, 2.2078,

329.0869, 306.8325

0.9459

391.7505,
389.6858, 366.5114

■ 1.0686, 0.7242,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4966, 69.0767,
57.6563

■ 72.4966, 69.0767,
57.6563

■ 65.6824, 59.4954,
42.9084

■ 80.3497, 79.9566,
75.1530

■ 59.8573, 51.1544,
30.7643

■ 89.2788, 92.1721,
95.5249

■ 54.9744, 44.0046,
21.0723

95.0500, 100.0000,
108.9000

■ 50.9812, 37.9898,
13.6629

■ 47.8193, 33.0493,
8.3448

■ 45.4227, 29.1159,
4.8951

■ 43.7129, 26.1137,
3.0382

■ 43.1708, 25.1216,
2.5736

Harmonies

Analogous

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



75.1499, 69.0767, 68.3385



72.4966, 69.0767, 57.6563



68.0742, 69.0767, 52.0590

Triad

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



72.4966, 69.0767, 57.6563



56.9748, 69.0767, 68.5743



68.1640, 69.0767, 104.2952

Complementary

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



72.4966, 69.0767, 57.6563



69.6099, 79.1854, 106.2232

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.



63.2945, 69.0767, 104.3789



72.4966, 69.0767, 57.6563



56.9962, 69.0767, 82.5333

Square

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



72.4966, 69.0767, 57.6563



59.1987, 69.0767, 57.8104



59.2586, 69.0767, 96.0140



72.5652, 69.0767, 95.7979

Rectangle

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



72.4966, 69.0767, 57.6563



64.7944, 69.0767, 51.4587



59.2586, 69.0767, 96.0140



66.5238, 69.0767, 105.3400

Sweetspot

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



72.4983, 69.0798, 57.6577



87.2954, 89.4705, 90.9632



74.9442, 63.8584, 89.6508



18.3898, 18.7477, 18.7938



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.



72.4983, 69.0798, 57.6577



68.8831, 64.0158, 49.7741



81.1459, 86.3751, 60.5403



18.3898, 18.7477, 18.7938



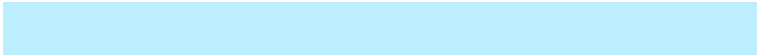
22.6587, 13.3286, 1.3784



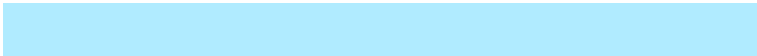
2.2898, 1.4649, 0.1621

Inverse Universe

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



69.6099, 79.1854, 106.2232



65.5464, 75.6508, 105.7551



60.9881, 61.9419, 103.3493



18.1355, 19.6425, 23.0855



19.1007, 23.1109, 52.8887



1.9479, 2.4264, 5.1790

Previews

White Background



This preview shows how the XYZ color 72.4966, 69.0767, 57.6563 looks on a white background.

Color Contrast Check

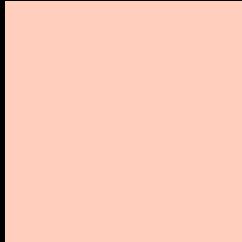
Large Text (above 18pt) WCAG AA × Fail

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 72.4966, 69.0767, 57.6563 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 72.4966, 69.0767, 57.6563

Background



This preview shows how black text looks on a background with the XYZ color 72.4966, 69.0767, 57.6563.



This preview shows how white text looks on a background with the XYZ color 72.4966, 69.0767,

57.6563.

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

72.4966, 69.0767, 57.6563

Protanopia

65.6575, 69.1755, 60.9306

Deuteranopia

70.5890, 69.1882, 57.2112



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

72.4966, 69.0767, 57.6563

Protanomaly

67.9830, 68.8973, 59.5846

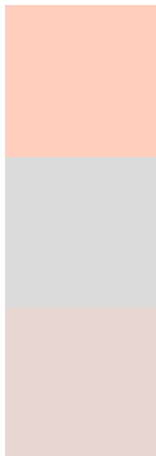
Deuteranomaly

71.4166, 69.2518, 57.1798

Tritanomaly

74.0954, 68.9507, 68.4351

Monochromacy



Original Color

72.4966, 69.0767, 57.6563

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7104, 69.8030, 69.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4966, 69.0767, 57.6563 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, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 72.4966, 69.0767, 57.6563 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, 206, 189) }
```


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

```
.border{ border-color:rgb(255, 206, 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, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4966, 69.0767, 57.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 189) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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