

Converting Colors

XYZ(84.4266, 75.6678, 58.4324)

Have a look what the booklet for
XYZ(84.4266, 75.6678, 58.4324)
contains.

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Color

**XYZ(72.7381, 69.5598,
57.7368)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFBD
RGB	255, 207, 189
RGB Percent	100%, 81%, 74%
CMY	0.0000, 0.1882, 0.2588
CMYK	0.00, 0.19, 0.26, 0.00
HSL	16°, 100%, 87%
HSV	16°, 26%, 100%
XYZ	72.7381, 69.5598, 57.7368
YIQ	219.3000, 34.3860, 4.5780

Conversions

Conversions Part 2

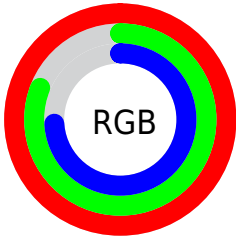
Format	Color
R _Y B	255, 214, 189
Decimal	16764861
CIE Lab	86.78, 14.33, 15.33
CIE LCh	87, 20.980, 46.934
Yxy	69.5598, 0.3636, 0.3477
Android (android.graphics.Color)	4294954941 (0xFFFFCFBD)
YUV	219.3000, -14.9379, 31.3089
Hunter-Lab	83.4025, 9.7214, 17.3373

Details

The XYZ color **72.7381, 69.5598, 57.7368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3195, 78.6046, 106.1264**, and the grayscale version is **67.6255, 71.1473, 77.4794**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.8611, 36.4304, 28.2761** is the 20% darker color. If you saturate the color by 10%, you get **65.9782, 60.0870, 43.0070**, and if you desaturate by 10%, it is **80.5159, 80.2889, 75.2084**.

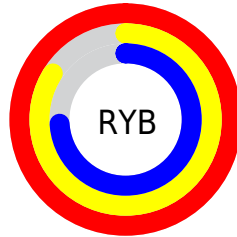
Distribution



Red (100%)

Green (81%)

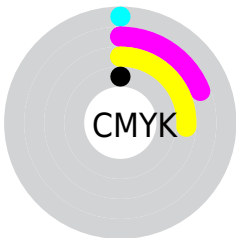
Blue (74%)



Red (100%)

Yellow (84%)

Blue (74%)

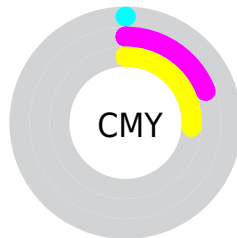


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7381, 69.5598, 57.7368 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 72.7381, 69.5598, 57.7368 by changing the saturation by 10% instead.


 72.7381, 69.5598,
57.7368

 72.7381, 69.5598,
57.7368


459.2245,
459.0029, 433.7753

 54.0495, 51.1677,
41.1838


 122.1105,
118.5808, 103.0505

 38.8720, 36.3421,
28.1419


153.5249,
149.9785, 132.6482

 26.8405, 24.6985,
18.1927

189.9120,
186.4802, 167.4313

 17.5894, 15.8526,
10.9176

231.6371,
228.4704, 207.8182

 10.7535, 9.4199,
5.8980

279.0655,
276.3333, 254.2275

 5.9674, 5.0161,
2.7153

332.5626,

 2.8657, 2.2567,

330.4534, 307.0778

0.9511

392.4938,
391.2152, 366.7875

■ 1.0832, 0.7506,
0.0000

■ 0.0110, 0.0000,
0.0000

■ 72.7381, 69.5598,
57.7368

■ 72.7381, 69.5598,
57.7368

■ 65.9782, 60.0870,
43.0070

■ 80.5159, 80.2889,
75.2084

■ 60.1872, 51.8143,
30.8743

■ 89.3472, 92.3089,
95.5476

■ 55.3199, 44.6956,
21.1875

95.0500, 100.0000,
108.9000

■ 51.3250, 38.6774,
13.7775

■ 48.1459, 33.7024,
8.4537

■ 45.7182, 29.7068,
4.9936

■ 43.9656, 26.6192,
3.1225

■ 43.4031, 25.5862,
2.6510

Harmonies

Analogous

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



75.5135, 69.5598, 68.1706



72.7381, 69.5598, 57.7368



68.2609, 69.5598, 52.4403

Triad

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



72.7381, 69.5598, 57.7368



57.3803, 69.5598, 69.8185



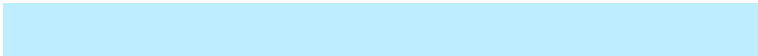
68.8883, 69.5598, 104.4980

Complementary

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



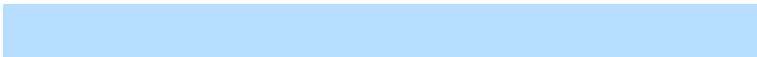
72.7381, 69.5598, 57.7368



69.3195, 78.6046, 106.1264

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.



64.0136, 69.5598, 105.0815



72.7381, 69.5598, 57.7368



57.5297, 69.5598, 83.8474

Square

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



72.7381, 69.5598, 57.7368



59.4870, 69.5598, 58.8147



59.9057, 69.5598, 97.1405



73.2169, 69.5598, 95.6329

Rectangle

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



72.7381, 69.5598, 57.7368



64.9870, 69.5598, 52.0502



59.9057, 69.5598, 97.1405



67.2549, 69.5598, 105.7043

Sweetspot

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



72.7399, 69.5630, 57.7382



87.3864, 89.6526, 90.9935



74.7826, 63.7938, 88.7998



18.4125, 18.7933, 18.8014



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.



72.7399, 69.5630, 57.7382



69.1550, 64.5596, 49.8647



81.4681, 87.0193, 60.6476



18.4125, 18.7933, 18.8014



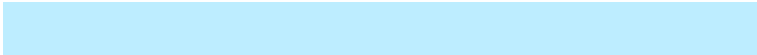
22.7846, 13.5804, 1.4204



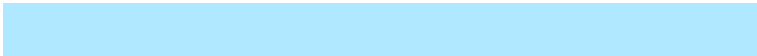
2.3047, 1.4948, 0.1670

Inverse Universe

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



69.3195, 78.6046, 106.1264



65.2053, 74.9685, 105.6414



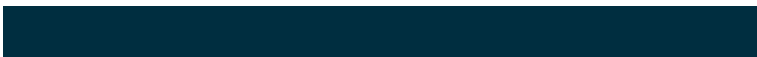
60.7250, 61.4157, 103.2616



18.1112, 19.5940, 23.0774



18.6751, 22.2598, 52.7469



1.9094, 2.3494, 5.1661

Previews

White Background



This preview shows how the XYZ color 72.7381, 69.5598, 57.7368 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 72.7381, 69.5598, 57.7368 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 72.7381, 69.5598, 57.7368

Background



This preview shows how black text looks on a background with the XYZ color 72.7381, 69.5598, 57.7368.



This preview shows how white text looks on a background with the XYZ color 72.7381, 69.5598,

57.7368.

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

72.7381, 69.5598, 57.7368

Protanopia

66.2290, 69.8516, 61.0310

Deuteranopia

71.0527, 69.4148, 57.7976



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

72.7381, 69.5598, 57.7368

Protanomaly

68.2337, 69.3988, 59.6682

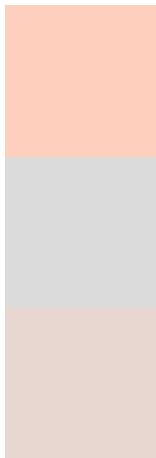
Deuteranomaly

71.5248, 69.2951, 57.7496

Tritanomaly

74.3338, 69.4276, 68.5145

Monochromacy



Original Color

72.7381, 69.5598, 57.7368

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.9643, 70.3107, 69.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7381, 69.5598, 57.7368 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 72.7381, 69.5598, 57.7368 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, 189) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7381, 69.5598, 57.7368 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, 189) }
```

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

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