

Converting Colors

XYZ(105.8068, 84.8080,
62.9601)

Have a look what the booklet for
XYZ(105.8068, 84.8080, 62.9601)
contains.

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Color

**XYZ(72.3243, 67.4866,
61.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAC4
RGB	255, 202, 196
RGB Percent	100%, 79%, 77%
CMY	0.0000, 0.2078, 0.2314
CMYK	0.00, 0.21, 0.23, 0.00
HSL	6°, 100%, 88%
HSV	6°, 23%, 100%
XYZ	72.3243, 67.4866, 61.4389
YIQ	217.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

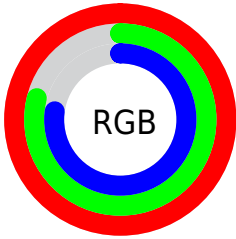
Format	Color
R _Y B	255, 203, 196
Decimal	16763588
CIE Lab	85.75, 17.90, 10.16
CIE LCh	86, 20.585, 29.576
Yxy	67.4866, 0.3594, 0.3353
Android (android.graphics.Color)	4294953668 (0xFFFFCAC4)
YUV	217.1630, -10.4334, 33.1830
Hunter-Lab	82.1502, 13.3868, 13.1631

Details

The XYZ color **72.3243, 67.4866, 61.4389** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6895, 86.7043, 107.4068**, and the grayscale version is **66.1198, 69.5631, 75.7543**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **38.4983, 35.0031, 30.3184** is the 20% darker color. If you saturate the color by 10%, you get **64.6837, 56.4623, 45.7685**, and if you desaturate by 10%, it is **81.2592, 80.3096, 79.9760**.

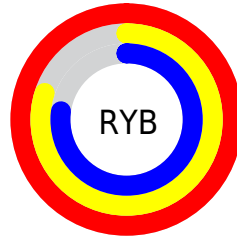
Distribution



Red (100%)

Green (79%)

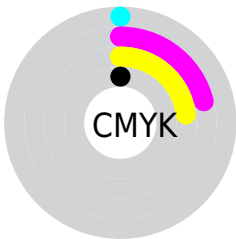
Blue (77%)



Red (100%)

Yellow (80%)

Blue (77%)

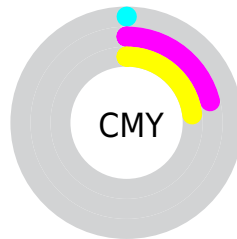


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3243, 67.4866, 61.4389 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 72.3243, 67.4866, 61.4389 by changing the saturation by 10% instead.


 72.3243, 67.4866,
61.4389

 72.3243, 67.4866,
61.4389

457.8097,
451.6749, 447.8325

 53.7100, 49.4802,
44.1466


121.5258,
115.6174, 108.4779

 38.5996, 35.0005,
30.4477


152.8437,
146.5105, 139.0617

 26.6277, 23.6633,
19.9238


189.1270,
182.4680, 174.9130

 17.4290, 15.0840,
12.1561

230.7408,
223.8743, 216.4505

 10.6380, 8.8784,
6.7263

278.0507,
271.1137, 264.0927

 5.8895, 4.6619,
3.2157

331.4219,

 2.8180, 2.0503,

324.5707, 318.2580

1.2058

391.2198,
384.6296, 379.3651

■ 1.0583, 0.6365,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.3243, 67.4866,
61.4389

■ 72.3243, 67.4866,
61.4389

■ 64.6837, 56.4623,
45.7685

■ 81.2592, 80.3096,
79.9760

■ 58.2725, 47.1475,
32.8178

■ 91.5395, 94.9970,
101.5085

■ 53.0276, 39.4593,
22.4326

95.0500, 100.0000,
108.9000

■ 48.8783, 33.3039,
14.4422

■ 45.7462, 28.5784,
8.6545

■ 43.5423, 25.1668,
4.8484

■ 42.1616, 22.9350,
2.7558

■ 41.6084, 21.9967,
2.0528

Harmonies

Analogous

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



73.6065, 67.4866, 73.6729



72.3243, 67.4866, 61.4389



68.8274, 67.4866, 53.3566

Triad

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



72.3243, 67.4866, 61.4389



56.6665, 67.4866, 61.1453



64.0772, 67.4866, 102.5022

Complementary

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



72.3243, 67.4866, 61.4389



74.6895, 86.7043, 107.4068

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.



59.6780, 67.4866, 98.1202



72.3243, 67.4866, 61.4389



55.5293, 67.4866, 73.2903

Square

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



72.3243, 67.4866, 61.4389



59.7883, 67.4866, 53.2023



56.6050, 67.4866, 87.0029



68.7062, 67.4866, 98.3524

Rectangle

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



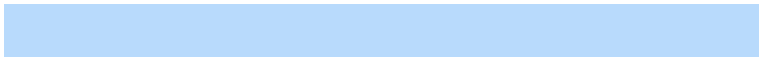
72.3243, 67.4866, 61.4389



65.7921, 67.4866, 50.8639



56.6050, 67.4866, 87.0029



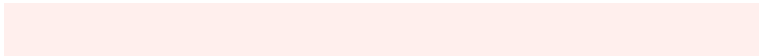
62.5237, 67.4866, 101.9710

Sweetspot

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



72.3260, 67.4896, 61.4403



87.4048, 89.0967, 92.8264



78.0948, 67.5864, 98.6339



18.5739, 18.8786, 19.5872



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.



72.3260, 67.4896, 61.4403



68.4517, 61.9076, 53.4694



79.8922, 82.6219, 63.9623



18.1581, 18.2844, 18.7165



21.7896, 11.5905, 1.0887



2.1686, 1.2225, 0.1217

Inverse Universe

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



74.6895, 86.7043, 107.4068



71.2068, 84.3317, 107.1324



66.3039, 69.9331, 104.6116



18.3876, 20.1468, 23.1695



24.1431, 33.1958, 54.5695



2.3944, 3.3195, 5.3278

Previews

White Background



This preview shows how the XYZ color 72.3243, 67.4866, 61.4389 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 72.3243, 67.4866, 61.4389 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 72.3243, 67.4866, 61.4389

Background



This preview shows how black text looks on a background with the XYZ color 72.3243, 67.4866, 61.4389.



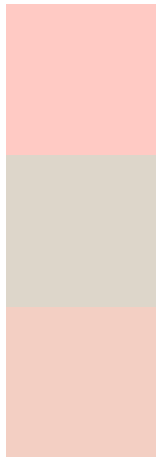
This preview shows how white text looks on a background with the XYZ color 72.3243, 67.4866,

61.4389.

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

72.3243, 67.4866, 61.4389

Protanopia

64.5260, 67.7296, 65.5493

Deuteranopia

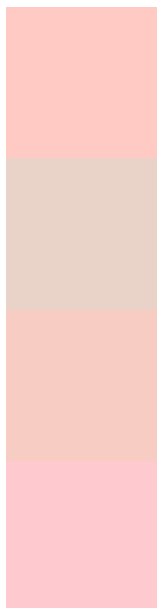
69.1253, 67.6205, 61.0385



Tritanopia

74.1600, 67.4748, 73.4053

Trichromacy



Original Color

72.3243, 67.4866, 61.4389

Protanomaly

67.0762, 67.5870, 64.1539

Deuteranomaly

70.0394, 67.3769, 60.9433

Tritanomaly

73.5118, 67.5874, 68.8457

Monochromacy



Original Color

72.3243, 67.4866, 61.4389

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0071, 68.6793, 69.9937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3243, 67.4866, 61.4389 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, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 196)  
}
```

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, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 72.3243, 67.4866, 61.4389 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, 202, 196) }
```


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

```
.border{ border-color:rgb(255, 202, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3243, 67.4866, 61.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 196) }
```

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

```
.background{ background-color: rgb(255,  
202, 196) }
```

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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