

Converting Colors

XYZ(72.5246, 67.8588, 65.1527)

Have a look what the booklet for
XYZ(72.5246, 67.8588, 65.1527)
contains.

XYZ(72.5246, 67.8588, 65.1527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.5246, 67.8588,
65.1527)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCBCA
RGB	253, 203, 202
RGB Percent	99%, 80%, 79%
CMY	0.0078, 0.2039, 0.2078
CMYK	0.00, 0.20, 0.20, 0.01
HSL	1°, 93%, 89%
HSV	1°, 20%, 99%
XYZ	72.5246, 67.8588, 65.1527
YIQ	217.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

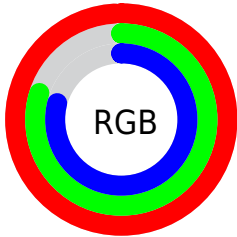
Format	Color
R _Y B	253, 203, 202
Decimal	16632778
CIE Lab	85.94, 17.52, 7.22
CIE LCh	86, 18.948, 22.390
Yxy	67.8588, 0.3529, 0.3302
Android (android.graphics.Color)	4294822858 (0xFFFD CBCA)
YUV	217.8360, -7.8071, 30.8388
Hunter-Lab	82.3765, 12.9934, 10.7702

Details

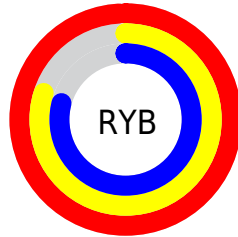
The XYZ color **72.5246, 67.8588, 65.1527** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8963, 89.2668, 106.1063**, and the grayscale version is **66.5667, 70.0333, 76.2663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8577, 35.3688, 32.7958** is the 20% darker color. If you saturate the color by 10%, you get **64.3754, 55.9675, 48.8489**, and if you desaturate by 10%, it is **82.1056, 81.8266, 84.3581**.

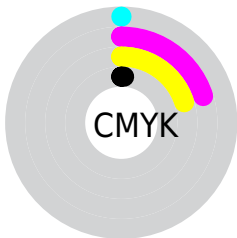
Distribution



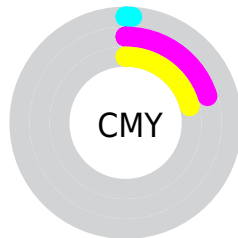
- Red (99%)
- Green (80%)
- Blue (79%)



- Red (99%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5246, 67.8588, 65.1527 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 72.5246, 67.8588, 65.1527 by changing the saturation by 10% instead.


 72.5246, 67.8588,
65.1527

 72.5246, 67.8588,
65.1527


458.4948,
452.9956, 461.6617

 53.8743, 49.7829,
47.1328


121.8089,
116.1501, 113.8847

 38.7315, 35.2409,
32.7855


153.1735,
147.1343, 145.4339

 26.7307, 23.8485,
21.6924

189.5071,
183.1900, 182.3300

 17.5066, 15.2213,
13.4349

231.1748,
224.7017, 224.9914

 10.6939, 8.9748,
7.5945

278.5421,
272.0537, 273.8368

 5.9271, 4.7248,
3.7526

331.9743,

 2.8411, 2.0867,

325.6304, 329.2846

1.4906

391.8367,
385.8162, 391.7534

■ 1.0703, 0.6571,
0.2109

■ 0.0000, 0.0000,
0.0000

■ 72.5246, 67.8588,
65.1527

■ 72.5246, 67.8588,
65.1527

■ 64.3754, 55.9675,
48.8489

■ 82.1056, 81.8266,
84.3581

■ 57.5841, 46.0448,
35.3019

■ 93.1765, 97.9534,
106.5920

■ 52.0785, 37.9874,
24.3604

■ 94.3182, 99.6227,
108.8658

■ 47.7776, 31.6788,
15.8574

■ 44.5913, 26.9894,
9.6061

■ 42.4166, 23.7715,
5.3932

■ 41.1317, 21.8507,
2.9638

■ 40.5623, 20.9910,
1.9138

Harmonies

Analogous

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



73.1270, 67.8588, 77.0967



72.5246, 67.8588, 65.1527



69.7252, 67.8588, 56.5265

Triad

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



72.5246, 67.8588, 65.1527



58.1109, 67.8588, 60.2412



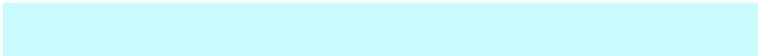
63.3991, 67.8588, 100.1947

Complementary

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



72.5246, 67.8588, 65.1527



76.8963, 89.2668, 106.1063

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.



59.5383, 67.8588, 94.4805



72.5246, 67.8588, 65.1527



56.5755, 67.8588, 70.7670

Square

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



72.5246, 67.8588, 65.1527



61.3713, 67.8588, 53.9205



57.0862, 67.8588, 83.3683



67.7286, 67.8588, 98.2580

Rectangle

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



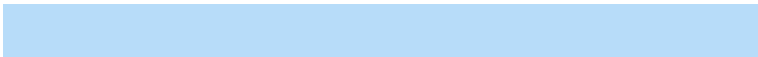
72.5246, 67.8588, 65.1527



67.0552, 67.8588, 53.3698



57.0862, 67.8588, 83.3683



62.0061, 67.8588, 99.0847

Sweetspot

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



72.5265, 67.8619, 65.1541



88.0841, 89.8545, 94.9057



79.2236, 70.1623, 101.5877



18.6986, 19.0067, 20.0024



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.



72.5265, 67.8619, 65.1541



70.4715, 64.1789, 59.5948



79.0091, 80.8272, 67.3150



18.0381, 18.0443, 18.6765



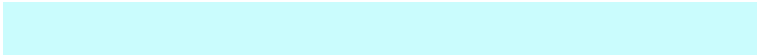
21.5897, 11.1906, 1.0221



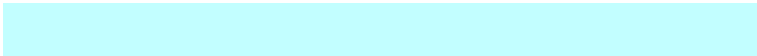
2.1118, 1.1089, 0.1027

Inverse Universe

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



76.8963, 89.2668, 106.1063



75.6234, 89.4160, 107.8810



69.4609, 74.3961, 103.6279



18.5224, 20.4164, 23.2145



27.3043, 39.5181, 55.6233



2.6679, 3.8665, 5.4190

Previews

White Background



This preview shows how the XYZ color 72.5246, 67.8588, 65.1527 looks on a white background.

Color Contrast Check

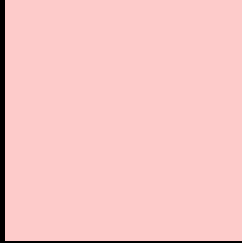
Large Text (above 18pt) WCAG AA × Fail

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 72.5246, 67.8588, 65.1527 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 72.5246, 67.8588, 65.1527

Background



This preview shows how black text looks on a background with the XYZ color 72.5246, 67.8588, 65.1527.

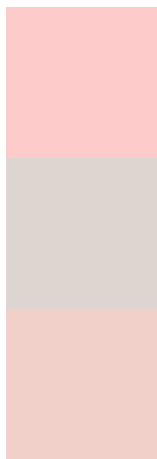


This preview shows how white text looks on a background with the XYZ color 72.5246, 67.8588,

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

72.5246, 67.8588, 65.1527

Protanopia

65.2505, 68.0194, 69.3645

Deuteranopia

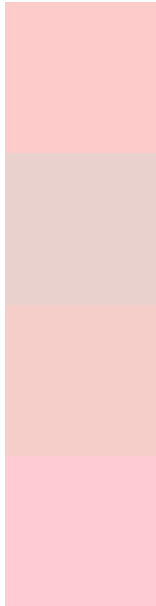
69.3741, 68.0296, 64.7329



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

72.5246, 67.8588, 65.1527

Protanomaly

67.7914, 67.8731, 67.9203

Deuteranomaly

70.2701, 67.7721, 64.6360

Tritanomaly

73.7515, 68.0150, 70.8691

Monochromacy



Original Color

72.5246, 67.8588, 65.1527

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6329, 69.3309, 72.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5246, 67.8588, 65.1527 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(253, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 202)  
}
```

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(253, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 72.5246, 67.8588, 65.1527 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(253, 203, 202) }
```


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

```
.border{ border-color:rgb(253, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(253, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5246, 67.8588, 65.1527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 202) }
```

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

```
.background{ background-color: rgb(253,  
203, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor