

Converting Colors

XYZ(72.5373, 73.0832, 68.0418)

Have a look what the booklet for
XYZ(72.5373, 73.0832, 68.0418)
contains.

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Color

**XYZ(72.4502, 72.9107,
68.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9CD
RGB	242, 217, 205
RGB Percent	95%, 85%, 80%
CMY	0.0510, 0.1490, 0.1961
CMYK	0.00, 0.10, 0.15, 0.05
HSL	19°, 59%, 88%
HSV	19°, 15%, 95%
XYZ	72.4502, 72.9107, 68.0122
YIQ	223.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

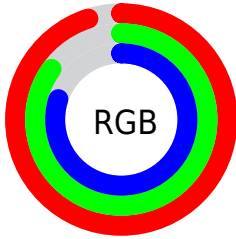
Format	Color
R _Y B	242, 223, 205
Decimal	15915469
CIE Lab	88.41, 6.72, 9.04
CIE LCh	88, 11.267, 53.390
Yxy	72.9107, 0.3395, 0.3417
Android (android.graphics.Color)	4294105549 (0xFFFF2D9CD)
YUV	223.1070, -8.9268, 16.5692
Hunter-Lab	85.3878, 2.0259, 12.5464

Details

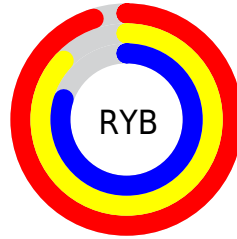
The XYZ color **72.4502, 72.9107, 68.0122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5002, 75.9818, 95.0079**, and the grayscale version is **70.2690, 73.9285, 80.5081**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7559, 38.5141, 34.6695** is the 20% darker color. If you saturate the color by 10%, you get **65.7452, 63.8192, 52.4625**, and if you desaturate by 10%, it is **80.0285, 83.0244, 86.0838**.

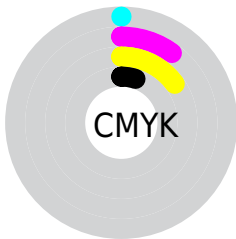
Distribution



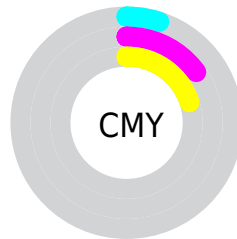
- Red (95%)
- Green (85%)
- Blue (80%)



- Red (95%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4502, 72.9107, 68.0122 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 72.4502, 72.9107, 68.0122 by changing the saturation by 10% instead.


 72.4502, 72.9107,
68.0122

 72.4502, 72.9107,
68.0122


458.2404,
470.7053, 472.1385

 53.8133, 53.9029,
49.4409


121.7037,
123.3504, 118.0240

 38.6825, 38.5241,
34.6013


153.0511,
155.5512, 150.3015

 26.6924, 26.3897,
23.0748


189.3659,
192.9184, 187.9849

 17.4778, 17.1154,
14.4429

231.0136,
235.8365, 231.4927

 10.6731, 10.3168,
8.2871

278.3596,
284.6898, 281.2434

 5.9131, 5.6095,
4.1888

331.7691,

 2.8325, 2.6091,

339.8628, 337.6556

1.7295

391.6076,
401.7398, 401.1478

■ 1.0658, 0.9313,
0.3808

■ 0.0000, 0.0000,
0.0000

■ 72.4502, 72.9107,
68.0122

■ 72.4502, 72.9107,
68.0122

■ 65.7452, 63.8192,
52.4625

■ 80.0285, 83.0244,
86.0838

■ 59.8748, 55.7076,
39.3171

■ 88.5052, 94.1814,
106.7785

■ 54.8059, 48.5451,
28.4556

■ 90.4282, 97.6174,
108.6837

■ 50.5011, 42.2952,
19.7457

■ 46.9193, 36.9192,
13.0409

■ 44.0153, 32.3751,
8.1766

■ 41.7379, 28.6169,
4.9611

■ 40.0262, 25.5930,
3.1593

■ 39.3794, 24.3999,
2.6341

Harmonies

Analogous

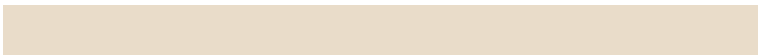
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1875, 72.9107, 73.6151



72.4502, 72.9107, 68.0122



69.9003, 72.9107, 65.4808

Triad

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



72.4502, 72.9107, 68.0122



64.2564, 72.9107, 77.6838



71.3865, 72.9107, 93.8707

Complementary

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



72.4502, 72.9107, 68.0122



69.5002, 75.9818, 95.0079

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.



68.7020, 72.9107, 95.1354



72.4502, 72.9107, 68.0122



64.6309, 72.9107, 85.4537

Square

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



72.4502, 72.9107, 68.0122



65.2045, 72.9107, 70.8249



66.2414, 72.9107, 91.9650



73.5623, 72.9107, 88.6135

Rectangle

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



72.4502, 72.9107, 68.0122



68.1010, 72.9107, 65.7504



66.2414, 72.9107, 91.9650



70.5119, 72.9107, 94.7904

Sweetspot

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



72.4522, 72.9140, 68.0137



90.3781, 93.8329, 97.5495



72.7728, 68.2699, 84.4143



19.2085, 19.9037, 20.5510



0.0000, 0.0000, 0.0000



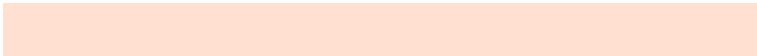
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4522, 72.9140, 68.0137



79.4146, 79.1755, 71.4833



77.4085, 82.8265, 69.6658



16.1915, 16.5962, 16.4997



21.2648, 13.3277, 1.4517



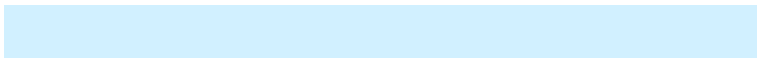
1.8561, 1.2828, 0.1498

Inverse Universe

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



69.5002, 75.9818, 95.0079



75.5646, 83.1736, 106.6792



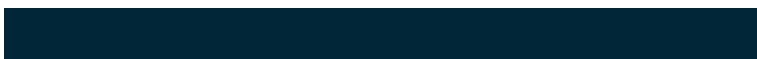
64.6941, 66.3696, 93.4058



15.7900, 17.0140, 20.1734



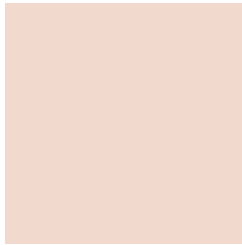
15.8214, 17.8671, 47.7427



1.4061, 1.6662, 4.0017

Previews

White Background



This preview shows how the XYZ color 72.4502, 72.9107, 68.0122 looks on a white background.

Color Contrast Check

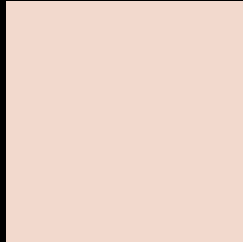
Large Text (above 18pt) WCAG AA × Fail

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 72.4502, 72.9107, 68.0122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

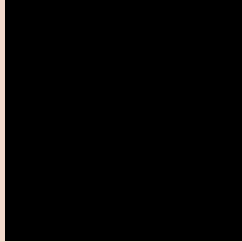
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4502, 72.9107, 68.0122

Background



This preview shows how black text looks on a background with the XYZ color 72.4502, 72.9107, 68.0122.

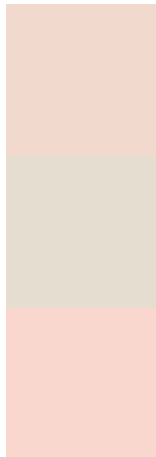


This preview shows how white text looks on a background with the XYZ color 72.4502, 72.9107,

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

72.4502, 72.9107, 68.0122

Protanopia

69.4320, 72.8759, 69.4385

Deuteranopia

74.2541, 72.6891, 68.5093



Tritanopia

75.7334, 72.7141, 84.9066

Trichromacy



Original Color

72.4502, 72.9107, 68.0122

Protanomaly

70.6655, 73.1351, 68.7845

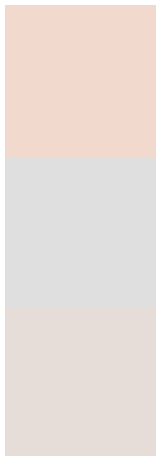
Deuteranomaly

73.4471, 72.6499, 68.5443

Tritanomaly

74.4059, 72.5467, 78.4879

Monochromacy



Original Color

72.4502, 72.9107, 68.0122

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8842, 73.4938, 75.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4502, 72.9107, 68.0122 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(242, 217, 205) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 205)  
}
```

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(242, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.4502, 72.9107, 68.0122 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(242, 217, 205) }
```


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

```
.border{ border-color:rgb(242, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4502, 72.9107, 68.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 205) }
```

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

```
.background{ background-color: rgb(242,  
217, 205) }
```

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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