

Converting Colors

XYZ(72.4091, 72.6153, 68.6465)

Have a look what the booklet for
XYZ(72.4091, 72.6153, 68.6465)
contains.

XYZ(72.3144, 72.4452, 68.5645)	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(72.3144, 72.4452,
68.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D8CE
RGB	242, 216, 206
RGB Percent	95%, 85%, 81%
CMY	0.0510, 0.1529, 0.1922
CMYK	0.00, 0.11, 0.15, 0.05
HSL	17°, 58%, 88%
HSV	17°, 15%, 95%
XYZ	72.3144, 72.4452, 68.5645
YIQ	222.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

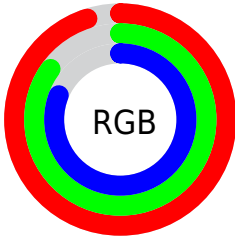
Format	Color
R _Y B	242, 220, 206
Decimal	15915214
CIE Lab	88.18, 7.39, 8.20
CIE LCh	88, 11.040, 47.957
Yxy	72.4452, 0.3390, 0.3396
Android (android.graphics.Color)	4294105294 (0xFFFF2D8CE)
YUV	222.6340, -8.2006, 16.9840
Hunter-Lab	85.1147, 2.7047, 11.8190

Details

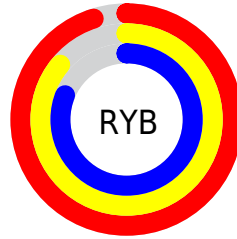
The XYZ color **72.3144, 72.4452, 68.5645** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3369, 77.2443, 95.2076**, and the grayscale version is **69.9283, 73.5700, 80.1177**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6621, 38.1958, 35.0406** is the 20% darker color. If you saturate the color by 10%, you get **65.3569, 62.8779, 52.8405**, and if you desaturate by 10%, it is **80.2047, 83.1523, 86.8343**.

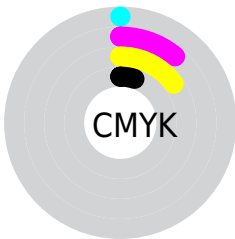
Distribution



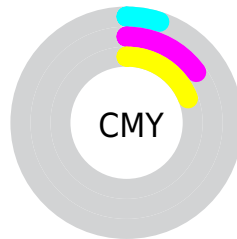
- Red (95%)
- Green (85%)
- Blue (81%)



- Red (95%)
- Yellow (86%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3144, 72.4452, 68.5645 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 72.3144, 72.4452, 68.5645 by changing the saturation by 10% instead.


 72.3144, 72.4452,
68.5645

 72.3144, 72.4452,
68.5645

457.7758,
469.0897, 474.1457

 53.7019, 53.5224,
49.8876


121.5118,
122.6893, 118.8212

 38.5931, 38.2200,
34.9535


152.8274,
154.7794, 151.2380

 26.6227, 26.1535,
23.3438


189.1082,
192.0274, 189.0719

 17.4251, 16.9385,
14.6399

230.7194,
234.8177, 232.7413

 10.6352, 10.1906,
8.4232

278.0264,
283.5347, 282.6649

 5.8876, 5.5255,
4.2753

331.3946,

 2.8169, 2.5588,

338.5627, 339.2611

1.7776

391.1893,
400.2863, 402.9486

■ 1.0577, 0.9060,
0.4131

■ 0.0000, 0.0000,
0.0000

■ 72.3144, 72.4452,
68.5645

■ 72.3144, 72.4452,
68.5645

■ 65.3569, 62.8779,
52.8405

■ 80.2047, 83.1523,
86.8343

■ 59.2908, 54.4029,
39.5440

■ 89.0554, 95.0255,
107.7517

■ 54.0803, 46.9832,
28.5543

■ 90.4282, 97.6174,
108.6837

■ 49.6847, 40.5764,
19.7382

■ 46.0598, 35.1369,
12.9491

■ 43.1567, 30.6153,
8.0216

■ 40.9204, 26.9574,
4.7642

■ 39.2858, 24.1024,
2.9425

■ 38.6404, 22.9217,
2.3878

Harmonies

Analogous

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



73.8021, 72.4452, 74.4808



72.3144, 72.4452, 68.5645



69.9221, 72.4452, 65.4938

Triad

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



72.3144, 72.4452, 68.5645



64.0086, 72.4452, 75.8845



70.4346, 72.4452, 93.5416

Complementary

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



72.3144, 72.4452, 68.5645



70.3369, 77.2443, 95.2076

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.



67.8028, 72.4452, 93.9774



72.3144, 72.4452, 68.5645



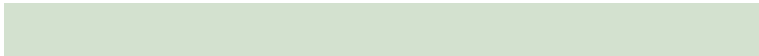
64.1379, 72.4452, 83.4502

Square

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



72.3144, 72.4452, 68.5645



65.1538, 72.4452, 69.5354



65.5116, 72.4452, 90.1826



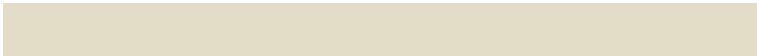
72.6979, 72.4452, 89.0275

Rectangle

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



72.3144, 72.4452, 68.5645



68.1564, 72.4452, 65.3348



65.5116, 72.4452, 90.1826



69.5624, 72.4452, 94.1799

Sweetspot

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



72.3164, 72.4484, 68.5660



91.1461, 94.7507, 99.7110



73.3125, 68.8698, 86.0722



19.3561, 20.0743, 20.9839



0.0000, 0.0000, 0.0000



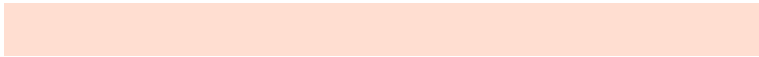
20.3446, 21.4041, 23.3091

Same Dimension

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



72.3164, 72.4484, 68.5660



78.8440, 78.0343, 71.2931



77.0684, 81.9524, 70.1500



16.1303, 16.4738, 16.4793



20.8563, 12.5106, 1.3155



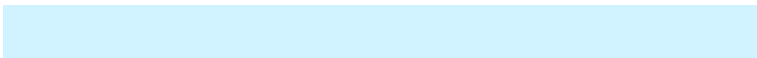
1.8158, 1.2022, 0.1363

Inverse Universe

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



70.3369, 77.2443, 95.2076



76.1977, 84.4397, 106.8902



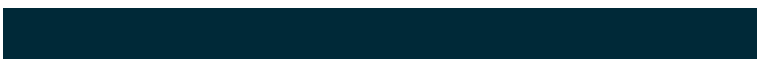
65.6295, 67.8295, 93.6384



15.8544, 17.1430, 20.1949



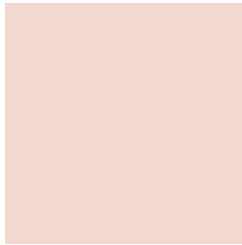
16.9396, 20.1035, 48.1154



1.4923, 1.8387, 4.0305

Previews

White Background



This preview shows how the XYZ color 72.3144, 72.4452, 68.5645 looks on a white background.

Color Contrast Check

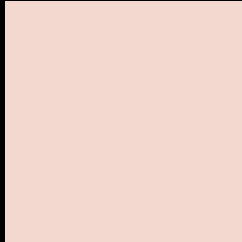
Large Text (above 18pt) WCAG AA × Fail

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 72.3144, 72.4452, 68.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

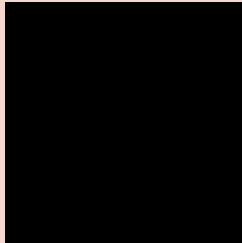
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3144, 72.4452, 68.5645

Background



This preview shows how black text looks on a background with the XYZ color 72.3144, 72.4452, 68.5645.



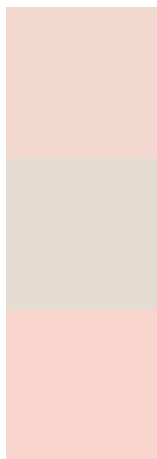
This preview shows how white text looks on a background with the XYZ color 72.3144, 72.4452,

68.5645.

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

72.3144, 72.4452, 68.5645

Protanopia

68.9733, 72.2344, 69.9819

Deuteranopia

73.8985, 72.5058, 68.4927



Tritanopia

75.5933, 72.6581, 84.1690

Trichromacy



Original Color

72.3144, 72.4452, 68.5645

Protanomaly

70.1983, 72.4917, 69.3239

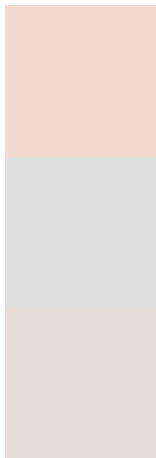
Deuteranomaly

73.4471, 72.6499, 68.5443

Tritanomaly

74.4059, 72.5467, 78.4879

Monochromacy



Original Color

72.3144, 72.4452, 68.5645

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7507, 73.0191, 76.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3144, 72.4452, 68.5645 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, 216, 206) looks like.

```
.text, #text, p{  
    color:rgb(242, 216, 206)  
}
```

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, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 216, 206) }
```

Border

The CSS property to change the border of an element to XYZ 72.3144, 72.4452, 68.5645 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, 216, 206) }
```


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

```
.border{ border-color:rgb(242, 216, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 216, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 216,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3144, 72.4452, 68.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 216, 206) }
```

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

```
.background{ background-color: rgb(242,  
216, 206) }
```

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