

Converting Colors

XYZ(68.2200, 72.2089, 35.9333)

Have a look what the booklet for
XYZ(68.2200, 72.2089, 35.9333)
contains.

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Color

**XYZ(68.2200, 72.2089,
35.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DB8E
RGB	246, 219, 142
RGB Percent	96%, 86%, 56%
CMY	0.0353, 0.1412, 0.4431
CMYK	0.00, 0.11, 0.42, 0.04
HSL	44°, 85%, 76%
HSV	44°, 42%, 96%
XYZ	68.2200, 72.2089, 35.9333
YIQ	218.2950, 40.8090, -18.2230

Conversions

Conversions Part 2

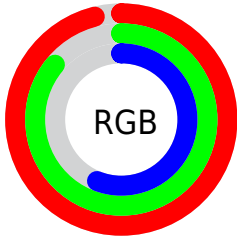
Format	Color
R _Y B	178, 246, 142
Decimal	16178062
CIE Lab	88.07, -0.90, 41.22
CIE LCh	88, 41.228, 91.251
Yxy	72.2089, 0.3868, 0.4094
Android (android.graphics.Color)	4294368142 (0xFFFF6DB8E)
YUV	218.2950, -37.6134, 24.2973
Hunter-Lab	84.9758, -5.4049, 34.4114

Details

The XYZ color **68.2200, 72.2089, 35.9333** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9773, 40.7790, 92.8472**, and the grayscale version is **67.0776, 70.5708, 76.8516**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **35.8600, 37.9805, 15.1138** is the 20% darker color. If you saturate the color by 10%, you get **64.9396, 68.2849, 26.7115**, and if you desaturate by 10%, it is **71.9754, 76.4305, 47.3258**.

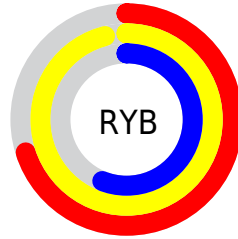
Distribution



Red (96%)

Green (86%)

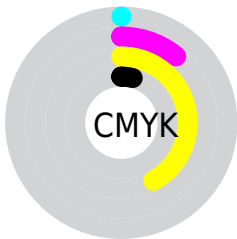
Blue (56%)



Red (70%)

Yellow (96%)

Blue (56%)

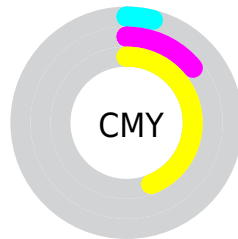


Cyan (0%)

Magenta (11%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (14%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2200, 72.2089, 35.9333 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 68.2200, 72.2089, 35.9333 by changing the saturation by 10% instead.


 68.2200, 72.2089,
35.9333

 68.2200, 72.2089,
35.9333


443.6396,
468.2684, 343.6975

 50.3511, 53.3293,
24.0934


 115.7070,
122.3535, 70.0970

 35.9114, 38.0657,
15.1901


 146.0558,
154.3873, 93.2579

 24.5355, 26.0337,
8.8048


181.2952,
191.5747, 121.0295

 15.8582, 16.8489,
4.5190

221.7906,
234.3000, 153.8304

 9.5141, 10.1268,
1.9142

267.9074,
282.9476, 192.0791

 5.1378, 5.4831,
0.5017

320.0110,

 2.3639, 2.5334,

337.9019, 236.1941

0.0000

378.4666,
399.5474, 286.5941

■ 0.8271, 0.8933,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2200, 72.2089,
35.9333

■ 68.2200, 72.2089,
35.9333

■ 64.9396, 68.2849,
26.7115

■ 71.9754, 76.4305,
47.3258

■ 62.1012, 64.6361,
19.5130

■ 76.2259, 80.9508,
61.0145

■ 59.6753, 61.2523,
14.1789

■ 80.9966, 85.7837,
77.1207

■ 57.6263, 58.1180,
10.5245

■ 86.3094, 90.9389,
95.7556

■ 55.9110, 55.2149,
8.3269

■ 90.5318, 95.7645,
108.3206

■ 54.7644, 53.1097,
7.3648

■ 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



78.1425, 72.2089, 40.0363



68.2200, 72.2089, 35.9333



59.2755, 72.2089, 40.7957

Triad

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



68.2200, 72.2089, 35.9333



53.6922, 72.2089, 110.2249



86.5966, 72.2089, 107.6772

Complementary

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



68.2200, 72.2089, 35.9333



41.9773, 40.7790, 92.8472

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.



78.9255, 72.2089, 134.6535



68.2200, 72.2089, 35.9333



59.9270, 72.2089, 136.3546

Square

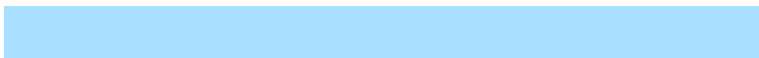
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2200, 72.2089, 35.9333



51.3982, 72.2089, 79.8126



69.0464, 72.2089, 146.2074



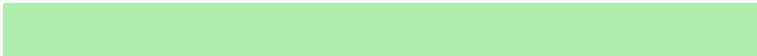
89.3436, 72.2089, 77.4457

Rectangle

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



68.2200, 72.2089, 35.9333



54.9063, 72.2089, 49.3458



69.0464, 72.2089, 146.2074



84.4743, 72.2089, 117.6579

Sweetspot

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



68.2218, 72.2123, 35.9348



87.4810, 92.6784, 82.2799



54.9099, 41.8317, 43.0791



18.4709, 19.5836, 16.7440



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.



68.2218, 72.2123, 35.9348



70.8596, 74.5816, 30.0463



67.8810, 83.3519, 38.1029



17.5294, 18.5429, 17.4528



29.3508, 28.5872, 3.9709



2.6624, 2.6781, 0.3766

Inverse Universe

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



41.9773, 40.7790, 92.8472



38.8477, 36.2712, 99.5613



42.0900, 34.1365, 91.5591



15.9308, 16.6259, 20.9120



9.9488, 5.6914, 47.1122



0.9544, 0.6601, 4.1674

Previews

White Background



This preview shows how the XYZ color 68.2200, 72.2089, 35.9333 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 68.2200, 72.2089, 35.9333 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 68.2200, 72.2089, 35.9333

Background



This preview shows how black text looks on a background with the XYZ color 68.2200, 72.2089, 35.9333.



This preview shows how white text looks on a background with the XYZ color 68.2200, 72.2089,

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

68.2200, 72.2089, 35.9333

Protanopia

66.7496, 72.2213, 36.4086

Deuteranopia

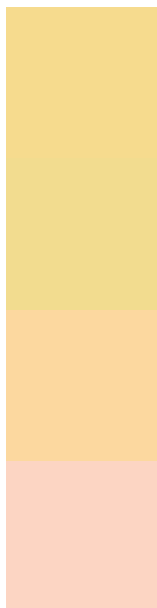
72.3545, 72.1803, 47.1645



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

68.2200, 72.2089, 35.9333

Protanomaly

67.1691, 72.0468, 36.3528

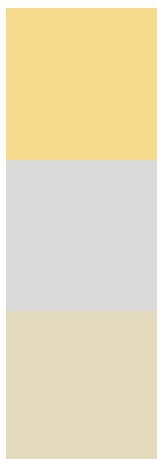
Deuteranomaly

70.9588, 72.3104, 43.0183

Tritanomaly

73.7895, 72.2241, 61.6813

Monochromacy



Original Color

68.2200, 72.2089, 35.9333

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.3606, 70.3545, 58.7974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2200, 72.2089, 35.9333 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(246, 219, 142)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 142)  
}
```

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(246, 219, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 142) }
```

Border

The CSS property to change the border of an element to XYZ 68.2200, 72.2089, 35.9333 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(246, 219, 142) }
```


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

```
.border{ border-color:rgb(246, 219, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 142);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2200, 72.2089, 35.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 142) }
```

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

```
.background{ background-color: rgb(246,  
219, 142) }
```

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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