

Converting Colors

XYZ(67.5078, 72.2617, 36.2191)

Have a look what the booklet for
XYZ(67.5078, 72.2617, 36.2191)
contains.

XYZ(67.5133, 72.2243, 36.3689)	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(67.5133, 72.2243,
36.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DC8F
RGB	243, 220, 143
RGB Percent	95%, 86%, 56%
CMY	0.0471, 0.1372, 0.4392
CMYK	0.00, 0.09, 0.41, 0.05
HSL	46°, 81%, 76%
HSV	46°, 41%, 95%
XYZ	67.5133, 72.2243, 36.3689
YIQ	218.0990, 38.4250, -19.0710

Conversions

Conversions Part 2

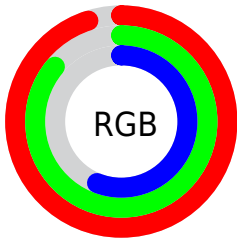
Format	Color
RYB	173, 243, 143
Decimal	15981711
CIELab	88.08, -2.48, 40.67
CIELCh	88, 40.751, 93.494
Yxy	72.2243, 0.3834, 0.4101
Android (android.graphics.Color)	4294171791 (0xFFFF3DC8F)
YUV	218.0990, -37.0238, 21.8382
Hunter-Lab	84.9849, -6.9204, 34.1165

Details

The XYZ color **67.5133, 72.2243, 36.3689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.1412, 39.5818, 90.2656**, and the grayscale version is **66.9393, 70.4253, 76.6932**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **35.3510, 37.9799, 15.3652** is the 20% darker color. If you saturate the color by 10%, you get **64.4267, 68.6848, 27.2210**, and if you desaturate by 10%, it is **71.0512, 76.0280, 47.6359**.

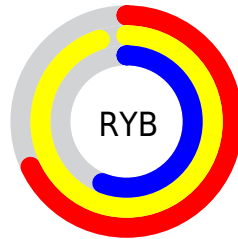
Distribution



Red (95%)

Green (86%)

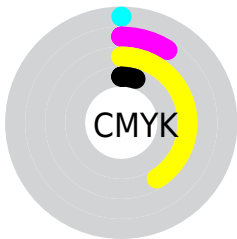
Blue (56%)



Red (68%)

Yellow (95%)

Blue (56%)

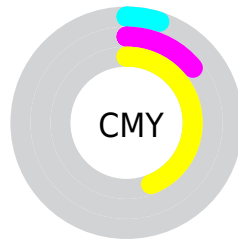


Cyan (0%)

Magenta (9%)

Yellow (41%)

Black (5%)



Cyan (5%)

Magenta (14%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5133, 72.2243, 36.3689 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 67.5133, 72.2243, 36.3689 by changing the saturation by 10% instead.

67.5133, 72.2243,
36.3689

67.5133, 72.2243,
36.3689

441.1735,
468.3219, 345.6561

49.7741, 53.3419,
24.4273

114.7014,
122.3754, 70.7765

35.4510, 38.0758,
15.4358

144.8809,
154.4129, 94.0796

24.1786, 26.0415,
8.9758

179.9380,
191.6042, 122.0069

15.5916, 16.8547,
4.6288

220.2380,
234.3337, 154.9771

9.3247, 10.1310,
1.9763

266.1461,
282.9859, 193.4085

5.0123, 5.4859,
0.5406

318.0279,

2.2893, 2.5351,

337.9450, 237.7198

0.0000

376.2485,
399.5956, 288.3295

■ 0.7892, 0.8941,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5133, 72.2243,
36.3689

■ 67.5133, 72.2243,
36.3689

■ 64.4267, 68.6848,
27.2210

■ 71.0512, 76.0280,
47.6359

■ 61.7597, 65.3882,
20.0507


■ 75.0593, 80.0963,
61.1425


■ 59.4844, 62.3252,
14.7061


■ 79.5615, 84.4422,
77.0051


■ 57.5669, 59.4815,
11.0114


■ 84.5787, 89.0747,
95.3310

 55.9669, 56.8401,
8.7556

 88.5624, 93.3752,
107.9632

 54.7588, 54.6481,
7.6620

 90.3055, 96.8614,
108.5443

 90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



77.3391, 72.2243, 39.7786



67.5133, 72.2243, 36.3689



58.8323, 72.2243, 41.8876

Triad

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



67.5133, 72.2243, 36.3689



54.1981, 72.2243, 112.0661



86.7858, 72.2243, 105.0563

Complementary

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



67.5133, 72.2243, 36.3689



41.1412, 39.5818, 90.2656

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.



79.4968, 72.2243, 132.3160



67.5133, 72.2243, 36.3689



60.6319, 72.2243, 136.9887

Square

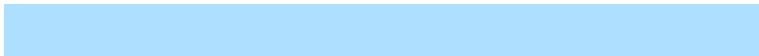
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5133, 72.2243, 36.3689



51.6163, 72.2243, 81.9503



69.7934, 72.2243, 145.1549



89.0639, 72.2243, 75.4200

Rectangle

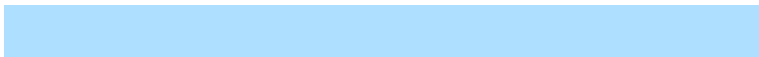
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5133, 72.2243, 36.3689



54.6814, 72.2243, 50.8789



69.7934, 72.2243, 145.1549



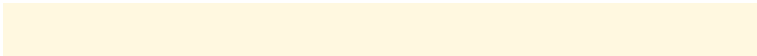
84.8086, 72.2243, 115.0134

Sweetspot

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



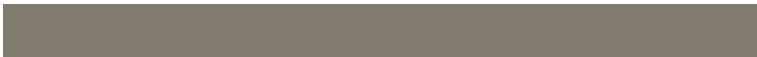
67.5151, 72.2276, 36.3704



88.3051, 93.7761, 84.2522



53.6986, 41.4657, 41.4112



18.7546, 19.9330, 17.5111



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.



67.5151, 72.2276, 36.3704



72.5422, 77.4121, 32.2553



65.4263, 80.7342, 38.1224



17.5727, 18.6296, 17.4673



30.1607, 30.2070, 4.2409



2.7276, 2.8085, 0.3983

Inverse Universe

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



41.1412, 39.5818, 90.2656



39.6241, 36.6908, 99.6014



42.5064, 34.6258, 89.2371



15.8903, 16.5449, 20.8985



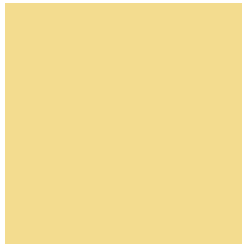
9.7356, 5.2651, 47.0412



0.9306, 0.6126, 4.1594

Previews

White Background



This preview shows how the XYZ color 67.5133, 72.2243, 36.3689 looks on a white background.

Color Contrast Check

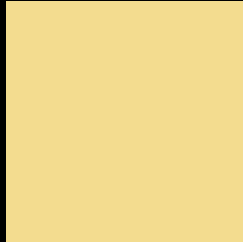
Large Text (above 18pt) WCAG AA × Fail

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 67.5133, 72.2243, 36.3689 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 67.5133, 72.2243, 36.3689

Background



This preview shows how black text looks on a background with the XYZ color 67.5133, 72.2243, 36.3689.



This preview shows how white text looks on a background with the XYZ color 67.5133, 72.2243,

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

67.5133, 72.2243, 36.3689

Protanopia

66.7496, 72.2213, 36.4086

Deuteranopia

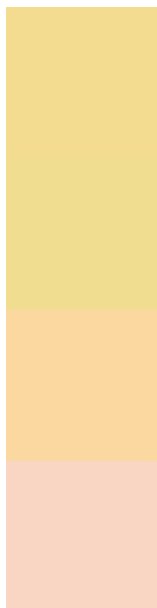
72.3545, 72.1803, 47.1645



Tritanopia

76.9189, 72.2796, 81.8488

Trichromacy



Original Color

67.5133, 72.2243, 36.3689

Protanomaly

67.0900, 72.3968, 36.4246

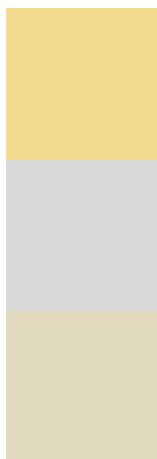
Deuteranomaly

70.5975, 72.1242, 43.0014

Tritanomaly

73.0773, 72.2184, 62.3125

Monochromacy



Original Color

67.5133, 72.2243, 36.3689

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4140, 70.7555, 59.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5133, 72.2243, 36.3689 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(243, 220, 143)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 143)  
}
```

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(243, 220, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 143) }
```

Border

The CSS property to change the border of an element to XYZ 67.5133, 72.2243, 36.3689 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(243, 220, 143) }
```


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

```
.border{ border-color:rgb(243, 220, 143) }
```

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

Here you see how a box with a 4 pixel rgb(243, 220, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 143);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5133, 72.2243, 36.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 143) }
```

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

```
.background{ background-color: rgb(243,  
220, 143) }
```

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