

Converting Colors

XYZ(67.4647, 72.0349, 37.0660)

Have a look what the booklet for
XYZ(67.4647, 72.0349, 37.0660)
contains.

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Color

**XYZ(67.6662, 72.2854,
37.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DC91
RGB	243, 220, 145
RGB Percent	95%, 86%, 57%
CMY	0.0471, 0.1372, 0.4314
CMYK	0.00, 0.09, 0.40, 0.05
HSL	46°, 80%, 76%
HSV	46°, 40%, 95%
XYZ	67.6662, 72.2854, 37.1742
YIQ	218.3270, 37.7830, -18.4490

Conversions

Conversions Part 2

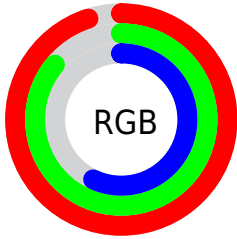
Format	Color
R _Y B	175, 243, 145
Decimal	15981713
CIE Lab	88.11, -2.27, 39.71
CIE LCh	88, 39.774, 93.277
Yxy	72.2854, 0.3820, 0.4081
Android (android.graphics.Color)	4294171793 (0xFFFF3DC91)
YUV	218.3270, -36.1502, 21.6382
Hunter-Lab	85.0208, -6.7222, 33.5908

Details

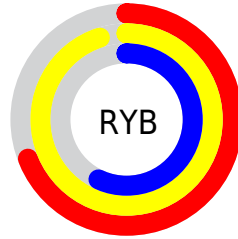
The XYZ color **67.6662, 72.2854, 37.1742** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8571, 40.4949, 90.4042**, and the grayscale version is **67.0914, 70.5853, 76.8674**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **35.4385, 38.0149, 15.8257** is the 20% darker color. If you saturate the color by 10%, you get **64.5188, 68.6753, 27.8488**, and if you desaturate by 10%, it is **71.2690, 76.1646, 48.6301**.

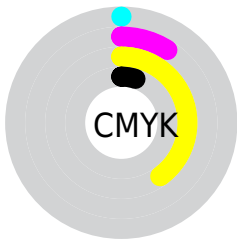
Distribution



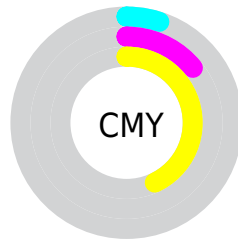
- Red (95%)
- Green (86%)
- Blue (57%)



- Red (69%)
- Yellow (95%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6662, 72.2854, 37.1742 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 67.6662, 72.2854, 37.1742 by changing the saturation by 10% instead.

67.6662, 72.2854,
37.1742

67.6662, 72.2854,
37.1742

441.7077,
468.5344, 349.2555

49.8989, 53.3918,
25.0456

114.9190,
122.4622, 72.0299

35.5505, 38.1157,
15.8917

145.1353,
154.5143, 95.5941

24.2558, 26.0725,
9.2940

180.2319,
191.7213, 123.8072

15.6492, 16.8779,
4.8340

220.5742,
234.4676, 157.0878

9.3655, 10.1475,
2.0932

266.5276,
283.1377, 195.8543

5.0394, 5.4968,
0.6117

318.4574,

2.3054, 2.5416,

338.1159, 240.5255

0.0000

376.7290,
399.7867, 291.5197

■ 0.7974, 0.8974,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6662, 72.2854,
37.1742

■ 67.6662, 72.2854,
37.1742

■ 64.5188, 68.6753,
27.8488

■ 71.2690, 76.1646,
48.6301

■ 61.7952, 65.3129,
20.5134


■ 75.3458, 80.3132,
62.3360


■ 59.4678, 62.1891,
15.0178


■ 79.9206, 84.7443,
78.4078


■ 57.5032, 59.2897,
11.1883


■ 85.0142, 89.4669,
96.9520

 55.8615, 56.5977,
8.8175

 88.7379, 93.7263,
108.0217

 54.5175, 54.1655,
7.5816

 90.5226, 97.2956,
108.6166

 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.



77.2523, 72.2854, 40.6126



67.6662, 72.2854, 37.1742



59.1607, 72.2854, 42.5670

Triad

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



67.6662, 72.2854, 37.1742



54.5353, 72.2854, 111.0463



86.3489, 72.2854, 104.6572

Complementary

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



67.6662, 72.2854, 37.1742



41.8571, 40.4949, 90.4042

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.



79.2245, 72.2854, 131.0532



67.6662, 72.2854, 37.1742



60.8128, 72.2854, 135.2994

Square

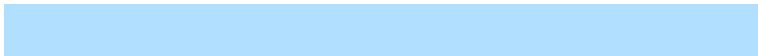
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6662, 72.2854, 37.1742



52.0321, 72.2854, 81.7350



69.7546, 72.2854, 143.3511



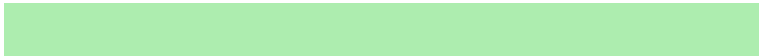
88.6061, 72.2854, 75.7538

Rectangle

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



67.6662, 72.2854, 37.1742



55.0774, 72.2854, 51.3828



69.7546, 72.2854, 143.3511



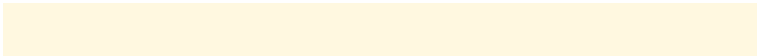
84.4134, 72.2854, 114.3210

Sweetspot

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



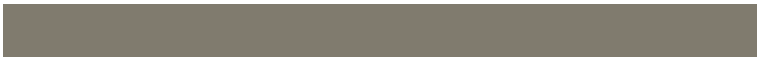
67.6680, 72.2887, 37.1757



88.2610, 93.6878, 84.2375



54.2966, 42.1897, 43.0653



18.7442, 19.9121, 17.5076



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.



67.6680, 72.2887, 37.1757



72.7188, 77.4878, 33.1696



66.2250, 81.1283, 38.9579



17.5658, 18.6158, 17.4650



30.0296, 29.9448, 4.1972



2.7171, 2.7874, 0.3948

Inverse Universe

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



41.8571, 40.4949, 90.4042



40.4606, 37.7756, 99.7667



42.7735, 35.2132, 89.3364



15.8967, 16.5577, 20.9007



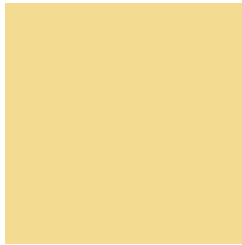
9.7676, 5.3290, 47.0518



0.9342, 0.6198, 4.1606

Previews

White Background



This preview shows how the XYZ color 67.6662, 72.2854, 37.1742 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 67.6662, 72.2854, 37.1742 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 67.6662, 72.2854, 37.1742

Background



This preview shows how black text looks on a background with the XYZ color 67.6662, 72.2854, 37.1742.



This preview shows how white text looks on a background with the XYZ color 67.6662, 72.2854,

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

67.6662, 72.2854, 37.1742

Protanopia

66.9025, 72.2825, 37.2138

Deuteranopia

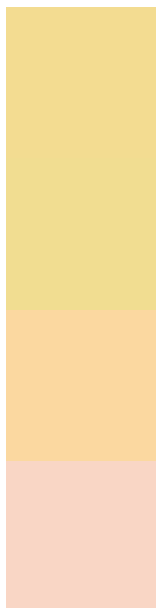
72.4480, 72.2177, 47.6571



Tritanopia

76.9189, 72.2796, 81.8488

Trichromacy



Original Color

67.6662, 72.2854, 37.1742

Protanomaly

67.2429, 72.4580, 37.2298

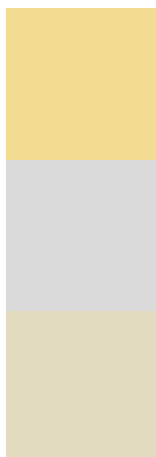
Deuteranomaly

70.6847, 72.1590, 43.4603

Tritanomaly

73.1915, 72.2641, 62.9141

Monochromacy



Original Color

67.6662, 72.2854, 37.1742

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 67.6662, 72.2854, 37.1742 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 145) }
```

Border

The CSS property to change the border of an element to XYZ 67.6662, 72.2854, 37.1742 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, 145) }
```


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

```
.border{ border-color:rgb(243, 220, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 220, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 220, 145); box-shadow:4px 4px 4px 4px rgb(243, 220, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6662, 72.2854, 37.1742 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, 145) }
```

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

```
.background{ background-color: rgb(243,  
220, 145) }
```

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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