

Converting Colors

XYZ(58.4442, 55.7810, 33.8555)

Have a look what the booklet for
XYZ(58.4442, 55.7810, 33.8555)
contains.

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Color

**XYZ(58.6634, 56.0491,
33.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BB8F
RGB	240, 187, 143
RGB Percent	94%, 73%, 56%
CMY	0.0588, 0.2666, 0.4392
CMYK	0.00, 0.22, 0.40, 0.06
HSL	27°, 76%, 75%
HSV	27°, 40%, 94%
XYZ	58.6634, 56.0491, 33.7133
YIQ	197.8310, 45.7120, -2.4480

Conversions

Conversions Part 2

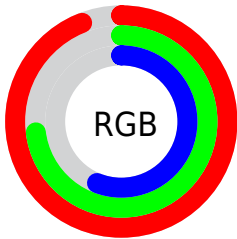
Format	Color
R _Y B	240, 224, 143
Decimal	15776655
CIE Lab	79.64, 13.46, 29.60
CIE LCh	80, 32.513, 65.544
Yxy	56.0491, 0.3952, 0.3776
Android (android.graphics.Color)	4293966735 (0xFFFF0BB8F)
YUV	197.8310, -27.0317, 36.9822
Hunter-Lab	74.8659, 8.8535, 25.7070

Details

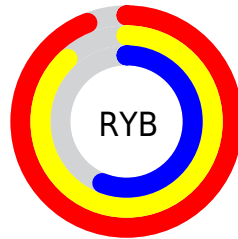
The XYZ color **58.6634, 56.0491, 33.7133** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.7950, 51.6088, 89.9330**, and the grayscale version is **53.7146, 56.5120, 61.5415**.

A 20% lighter version of the original color is **83.3686, 89.3924, 65.6838**, and **29.7483, 27.7680, 13.9171** is the 20% darker color. If you saturate the color by 10%, you get **54.3806, 50.0884, 24.2552**, and if you desaturate by 10%, it is **63.5920, 62.6787, 45.3066**.

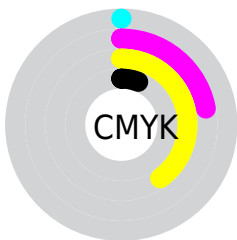
Distribution



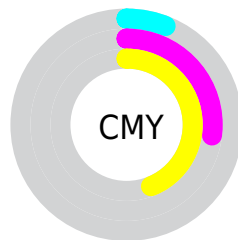
- Red (94%)
- Green (73%)
- Blue (56%)



- Red (94%)
- Yellow (88%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6634, 56.0491, 33.7133 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 58.6634, 56.0491, 33.7133 by changing the saturation by 10% instead.


 58.6634, 56.0491,
33.7133

 58.6634, 56.0491,
33.7133


409.5675,
409.8765, 333.5818

 42.5875, 40.2423,
22.3979


 102.0057, 99.0764,
66.6164

 29.7547, 27.7275,
13.9484


 130.0029,
127.0656, 89.0411

 19.7997, 18.1204,
7.9465

162.7045,
159.8845, 116.0060

 12.3569, 11.0364,
3.9734

200.4760,
197.9173, 147.9295

 7.0612, 6.0913,
1.6108

243.6827,
241.5485, 185.2304

 3.5471, 2.9007,
0.2985

292.6900,

 1.4492, 1.0801,

291.1625, 228.3270

0.0000

347.8631,
347.1437, 277.6380

■ 0.2909, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6634, 56.0491,
33.7133

■ 58.6634, 56.0491,
33.7133

■ 54.3806, 50.0884,
24.2552

■ 63.5920, 62.6787,
45.3066

■ 50.7076, 44.7652,
16.7949

■ 69.1915, 69.9914,
59.1541

■ 47.6107, 40.0567,
11.1839

■ 75.4906, 78.0107,
75.3699

■ 45.0507, 35.9354,
7.2513

■ 82.5151, 86.7568,
94.0594

■ 42.9815, 32.3705,
4.7935

■ 88.9737, 95.7224,
108.3946

■ 41.3909, 29.4368,
3.5003

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



64.2010, 56.0491, 42.3565



58.6634, 56.0491, 33.7133



52.0646, 56.0491, 31.6884

Triad

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



58.6634, 56.0491, 33.7133



41.6866, 56.0491, 64.5821



60.9413, 56.0491, 95.3640

Complementary

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



58.6634, 56.0491, 33.7133



46.7950, 51.6088, 89.9330

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.



54.5000, 56.0491, 104.4693



58.6634, 56.0491, 33.7133



43.6612, 56.0491, 84.5098

Square

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



58.6634, 56.0491, 33.7133



42.6034, 56.0491, 47.2701



48.2233, 56.0491, 100.1376



65.5899, 56.0491, 77.2255

Rectangle

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



58.6634, 56.0491, 33.7133



48.0207, 56.0491, 33.9087



48.2233, 56.0491, 100.1376



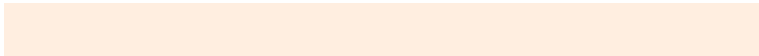
58.8950, 56.0491, 99.7352

Sweetspot

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



58.6648, 56.0518, 33.7144



85.4056, 87.9770, 83.2857



55.7616, 42.1722, 57.6352



18.0713, 18.5663, 17.2833



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.



58.6648, 56.0518, 33.7144



63.4567, 58.9638, 30.0823



70.6444, 80.0109, 37.7076



16.3634, 16.9400, 16.5570



22.7872, 16.3724, 1.9592



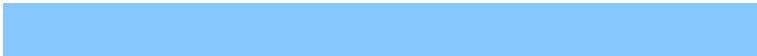
1.9938, 1.5583, 0.1957

Inverse Universe

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



46.7950, 51.6088, 89.9330



48.1919, 53.2382, 102.3438



37.6228, 33.2644, 86.8756



15.6130, 16.6601, 20.1144



13.1965, 12.6173, 46.8677



1.1971, 1.2483, 3.9321

Previews

White Background



This preview shows how the XYZ color 58.6634, 56.0491, 33.7133 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 58.6634, 56.0491, 33.7133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

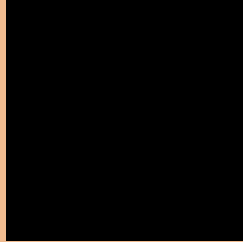
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6634, 56.0491, 33.7133

Background



This preview shows how black text looks on a background with the XYZ color 58.6634, 56.0491, 33.7133.



This preview shows how white text looks on a background with the XYZ color 58.6634, 56.0491,

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

58.6634, 56.0491, 33.7133

Protanopia

52.4629, 56.0677, 36.0740

Deuteranopia

57.0872, 55.8708, 33.7619



Tritanopia

63.7151, 55.9500, 58.4802

Trichromacy



Original Color

58.6634, 56.0491, 33.7133

Protanomaly

54.3825, 55.7448, 35.0877

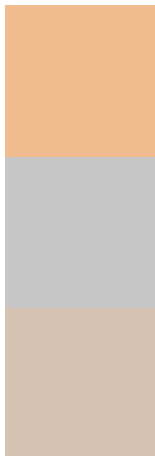
Deuteranomaly

57.5332, 55.7825, 33.7214

Tritanomaly

61.6335, 56.0168, 48.1213

Monochromacy



Original Color

58.6634, 56.0491, 33.7133

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7682, 55.9441, 50.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6634, 56.0491, 33.7133 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(240, 187, 143)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 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(240, 187, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 143) }
```

Border

The CSS property to change the border of an element to XYZ 58.6634, 56.0491, 33.7133 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(240, 187, 143) }
```


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

```
.border{ border-color:rgb(240, 187, 143) }
```

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

Here you see how a box with a 4 pixel rgb(240, 187, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 143);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6634, 56.0491, 33.7133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 143) }
```

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

```
.background{ background-color: rgb(240,  
187, 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](#).

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