

Converting Colors

XYZ(46.3064, 33.4823, 23.4709)

Have a look what the booklet for
XYZ(46.3064, 33.4823, 23.4709)
contains.

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Color

**XYZ(46.3533, 33.4389,
23.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	F0787D
RGB	240, 120, 125
RGB Percent	94%, 47%, 49%
CMY	0.0588, 0.5294, 0.5098
CMYK	0.00, 0.50, 0.48, 0.06
HSL	358°, 80%, 71%
HSV	358°, 50%, 94%
XYZ	46.3533, 33.4389, 23.4133
YIQ	156.4500, 69.9150, 26.9950

Conversions

Conversions Part 2

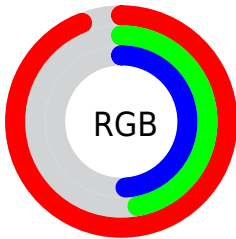
Format	Color
RYB	240, 120, 125
Decimal	15759485
CIELab	64.51, 46.52, 19.00
CIELCh	65, 50.249, 22.215
Yxy	33.4389, 0.4491, 0.3240
Android (android.graphics.Color)	4293949565 (0xFFFF0787D)
YUV	156.4500, -15.5048, 73.2734
Hunter-Lab	57.8264, 41.8884, 16.4726

Details

The XYZ color **46.3533, 33.4389, 23.4133** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.9030, 72.3121, 89.7186**, and the grayscale version is **31.8474, 33.5059, 36.4880**.

A 20% lighter version of the original color is **64.6059, 55.1343, 49.3564**, and **22.1341, 14.2394, 8.4194** is the 20% darker color. If you saturate the color by 10%, you get **42.5169, 27.8516, 15.7053**, and if you desaturate by 10%, it is **51.2549, 40.6122, 33.1554**.

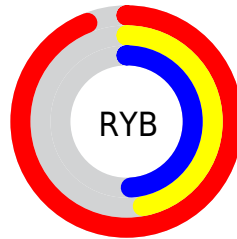
Distribution



Red (94%)

Green (47%)

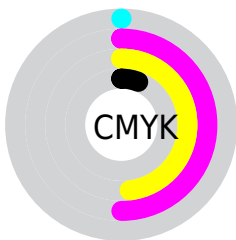
Blue (49%)



Red (94%)

Yellow (47%)

Blue (49%)

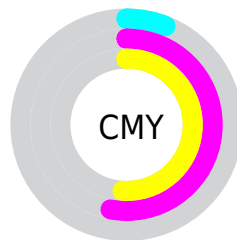


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (6%)



Cyan (6%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3533, 33.4389, 23.4133 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 46.3533, 33.4389, 23.4133 by changing the saturation by 10% instead.


 46.3533, 33.4389,
23.4133


 46.3533, 33.4389,
23.4133


362.9194,
317.6228, 283.0311

 32.7305, 22.4629,
14.6908


 83.9721, 65.0602,
50.0028

 22.0783, 14.1974,
8.4585


 108.6989, 86.4742,
68.7070

 14.0314, 8.2581,
4.2977


 137.8576,
112.1363, 91.5754

 8.2243, 4.2605,
1.7901

171.8138,
142.4310, 119.0267

 4.2918, 1.8203,
0.4214

210.9327,
177.7426, 151.4794

 1.8685, 0.4998,
0.0000

255.5797,

 0.5584, 0.0000,

218.4555, 189.3520

0.0000

306.1201,
264.9541, 233.0631

■ 0.0000, 0.0000,
0.0000

■ 46.3533, 33.4389,
23.4133

■ 46.3533, 33.4389,
23.4133

■ 42.5169, 27.8516,
15.7053

■ 51.2549, 40.6122,
33.1554

■ 39.6641, 23.7254,
9.8858

■ 57.2901, 49.4736,
45.0596

■ 37.7060, 20.9252,
5.7927

■ 64.5244, 60.1230,
59.2457

■ 36.5363, 19.2886,
3.2359

■ 73.0179, 72.6508,
75.8242

■ 35.9899, 18.5473,
1.9701

■ 82.8265, 87.1414,
94.8981

■ 35.9898, 18.5471,
1.9699

■ 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



47.5171, 33.4389, 42.0322



46.3533, 33.4389, 23.4133



41.0141, 33.4389, 13.2485

Triad

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



46.3533, 33.4389, 23.4133



22.0729, 33.4389, 17.1596



29.9489, 33.4389, 91.3120

Complementary

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



46.3533, 33.4389, 23.4133



53.9030, 72.3121, 89.7186

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.



24.0521, 33.4389, 77.4483



46.3533, 33.4389, 23.4133



19.9728, 33.4389, 31.3116

Square

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



46.3533, 33.4389, 23.4133



26.8436, 33.4389, 10.7019



20.6385, 33.4389, 53.4968



37.2932, 33.4389, 86.6492

Rectangle

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



46.3533, 33.4389, 23.4133



36.1889, 33.4389, 10.2465



20.6385, 33.4389, 53.4968



27.7495, 33.4389, 88.5254

Sweetspot

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



46.3541, 33.4406, 23.4139



78.6881, 75.8368, 77.0550



56.3772, 37.2184, 86.6502



16.4088, 15.5926, 15.6459



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.



46.3541, 33.4406, 23.4139



48.7177, 31.8533, 17.8706



54.4625, 50.1551, 24.5821



15.7995, 15.7695, 16.5002



19.7133, 10.1578, 1.1410



1.6493, 0.8488, 0.1439

Inverse Universe

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



46.3541, 33.4406, 23.4139



48.7177, 31.8533, 17.8706



41.0345, 45.4040, 89.0388



15.7995, 15.7695, 16.5002



19.7133, 10.1578, 1.1410



1.6493, 0.8488, 0.1439

Previews

White Background



This preview shows how the XYZ color 46.3533, 33.4389, 23.4133 looks on a white background.

Color Contrast Check

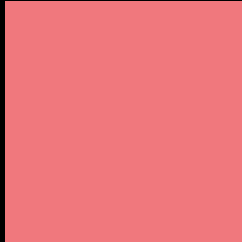
Large Text (above 18pt) WCAG AA × Fail

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 46.3533, 33.4389, 23.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

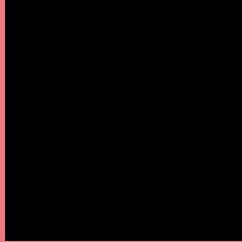
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3533, 33.4389, 23.4133

Background



This preview shows how black text looks on a background with the XYZ color 46.3533, 33.4389, 23.4133.



This preview shows how white text looks on a background with the XYZ color 46.3533, 33.4389,

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

46.3533, 33.4389, 23.4133

Protanopia

31.9506, 33.5466, 30.7778

Deuteranopia

34.0637, 33.3591, 22.4129



Tritanopia

46.5479, 33.5167, 24.4381

Trichromacy



Original Color

46.3533, 33.4389, 23.4133

Protanomaly

35.7523, 32.4989, 27.6811

Deuteranomaly

37.6473, 32.7077, 22.7414

Tritanomaly

46.4824, 33.4905, 24.0931

Monochromacy



Original Color

46.3533, 33.4389, 23.4133

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.4268, 32.2541, 31.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3533, 33.4389, 23.4133 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, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(240, 120, 125)  
}
```

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, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 46.3533, 33.4389, 23.4133 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, 120, 125) }
```


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

```
.border{ border-color:rgb(240, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(240, 120,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3533, 33.4389, 23.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 120, 125) }
```

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

```
.background{ background-color: rgb(240,  
120, 125) }
```

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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