

Converting Colors

XYZ(48.4447, 54.3817, 33.9316)

Have a look what the booklet for
XYZ(48.4447, 54.3817, 33.9316)
contains.

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Color

**XYZ(48.4407, 54.3771,
33.9293)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C68F
RGB	198, 198, 143
RGB Percent	78%, 78%, 56%
CMY	0.2235, 0.2235, 0.4392
CMYK	0.00, 0.00, 0.28, 0.22
HSL	60°, 33%, 67%
HSV	60°, 28%, 78%
XYZ	48.4407, 54.3771, 33.9293
YIQ	191.7300, 17.6550, -17.1050

Conversions

Conversions Part 2

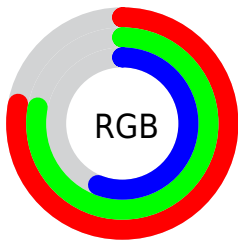
Format	Color
R _Y B	143, 198, 143
Decimal	13026959
CIE Lab	78.68, -8.72, 27.65
CIE LCh	79, 28.994, 107.505
Yxy	54.3771, 0.3542, 0.3976
Android (android.graphics.Color)	4291217039 (0xFFC6C68F)
YUV	191.7300, -24.0239, 5.4988
Hunter-Lab	73.7408, -11.7890, 24.3383

Details

The XYZ color **48.4407, 54.3771, 33.9293** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3452, 29.5632, 57.4834**, and the grayscale version is **50.0750, 52.6828, 57.3716**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **23.2327, 26.5589, 14.0271** is the 20% darker color. If you saturate the color by 10%, you get **47.0713, 53.8312, 26.7146**, and if you desaturate by 10%, it is **50.0776, 55.0338, 42.5408**.

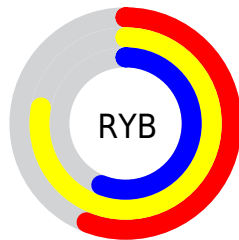
Distribution



Red (78%)

Green (78%)

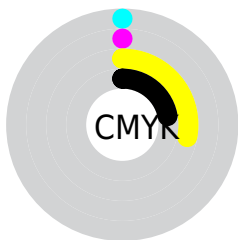
Blue (56%)



Red (56%)

Yellow (78%)

Blue (56%)

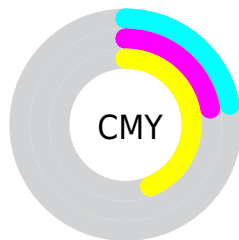


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4407, 54.3771, 33.9293 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 48.4407, 54.3771, 33.9293 by changing the saturation by 10% instead.

■ 48.4407, 54.3771,
33.9293

■ 48.4407, 54.3771,
33.9293

371.0899,
403.5464, 334.5762

■ 34.3887, 38.9032,
22.5624

■ 87.0659, 96.6277,
66.9563

■ 23.3567, 26.6845,
14.0684

■ 112.3699,
124.1732, 89.4535

■ 14.9792, 17.3364,
8.0290

142.1552,
156.5114, 116.4979

■ 8.8910, 10.4746,
4.0255

176.7873,
194.0267, 148.5080

■ 4.7267, 5.7148,
1.6393

216.6314,
237.1034, 185.9023

■ 2.1209, 2.6724,
0.3187

262.0530,

■ 0.7006, 0.9632,

286.1260, 229.0994

0.0000

313.4174,
341.4789, 278.5179

■ 0.0000, 0.0000,
0.0000

■ 48.4407, 54.3771,
33.9293

■ 48.4407, 54.3771,
33.9293

■ 47.0713, 53.8312,
26.7146

■ 50.0776, 55.0338,
42.5408

■ 45.9514, 53.3832,
20.8198

■ 51.9909, 55.7992,
52.6134

■ 45.0672, 53.0294,
16.1661


■ 54.1939, 56.6804,
64.2119

■ 44.4019, 52.7632,
12.6648


■ 56.6980, 57.6821,
77.3960

■ 43.9363, 52.5770,
10.2155


■ 59.5140, 58.8086,
92.2223

 43.6482, 52.4617,
8.7006

 61.5368, 59.6178,
102.8718

 43.5049, 52.4043,
7.9484

 61.5373, 59.6180,
102.8718

 43.4807, 52.3946,
7.8215

 61.5377, 59.6182,
102.8718

 61.5382, 59.6185,
102.8718

Harmonies

Analogous

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



54.1038, 54.3771, 33.4392



48.4407, 54.3771, 33.9293



43.9797, 54.3771, 40.3510

Triad

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



48.4407, 54.3771, 33.9293



44.5940, 54.3771, 85.6480



63.2016, 54.3771, 66.2983

Complementary

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



48.4407, 54.3771, 33.9293



31.3452, 29.5632, 57.4834

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.



60.2389, 54.3771, 83.1777



48.4407, 54.3771, 33.9293



49.3371, 54.3771, 95.6575

Square

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



48.4407, 54.3771, 33.9293



41.8741, 54.3771, 69.2127



55.0685, 54.3771, 94.6780



62.9170, 54.3771, 50.2160

Rectangle

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



48.4407, 54.3771, 33.9293



42.1598, 54.3771, 47.9390



55.0685, 54.3771, 94.6780



62.5439, 54.3771, 72.1162

Sweetspot

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



48.4421, 54.3795, 33.9304



91.9370, 98.7547, 92.5106



38.0709, 33.6352, 30.4730



19.5611, 21.0907, 19.1843



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.



48.4421, 54.3795, 33.9304



84.3336, 95.7131, 52.4828



41.8399, 50.9760, 33.6215



11.5238, 12.4170, 11.3521



28.2750, 34.0716, 5.0862



1.3389, 1.6133, 0.2408

Inverse Universe

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



31.3452, 29.5632, 57.4834



49.3481, 44.9311, 100.6794



36.7030, 32.3252, 57.7341



10.0568, 10.2875, 13.3731



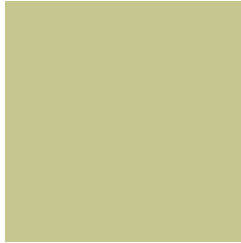
6.6290, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 48.4407, 54.3771, 33.9293 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 48.4407, 54.3771, 33.9293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

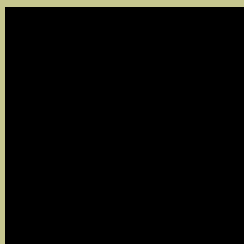
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

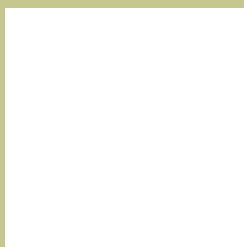
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4407, 54.3771, 33.9293

Background



This preview shows how black text looks on a background with the XYZ color 48.4407, 54.3771, 33.9293.



This preview shows how white text looks on a background with the XYZ color 48.4407, 54.3771,

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

48.4407, 54.3771, 33.9293

Protanopia

50.3940, 54.0620, 32.9783

Deuteranopia

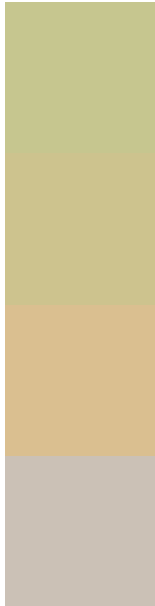
55.5143, 54.4080, 34.3639



Tritanopia

54.8865, 54.3565, 65.3566

Trichromacy



Original Color

48.4407, 54.3771, 33.9293

Protanomaly

49.5744, 53.9623, 33.3941

Deuteranomaly

52.5783, 54.1806, 34.0723

Tritanomaly

52.1421, 54.2138, 51.9721

Monochromacy



Original Color

48.4407, 54.3771, 33.9293

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1799, 53.1089, 47.7034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4407, 54.3771, 33.9293 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(198, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 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(198, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.4407, 54.3771, 33.9293 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(198, 198, 143) }
```


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

```
.border{ border-color:rgb(198, 198, 143) }
```

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

Here you see how a box with a 4 pixel rgb(198, 198, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4407, 54.3771, 33.9293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 143) }
```

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

```
.background{ background-color: rgb(198,  
198, 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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