

Converting Colors

XYZ(48.5554, 54.5451, 34.4339)

Have a look what the booklet for
XYZ(48.5554, 54.5451, 34.4339)
contains.

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Color

**XYZ(48.5168, 54.4076,
34.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C690
RGB	198, 198, 144
RGB Percent	78%, 78%, 56%
CMY	0.2235, 0.2235, 0.4353
CMYK	0.00, 0.00, 0.27, 0.22
HSL	60°, 32%, 67%
HSV	60°, 27%, 78%
XYZ	48.5168, 54.4076, 34.3302
YIQ	191.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

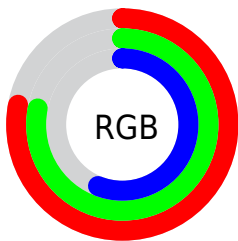
Format	Color
RYB	144, 198, 144
Decimal	13026960
CIELab	78.70, -8.59, 27.15
CIELCh	79, 28.476, 107.554
Yxy	54.4076, 0.3535, 0.3964
Android (android.graphics.Color)	4291217040 (0xFFC6C690)
YUV	191.8440, -23.5871, 5.3988
Hunter-Lab	73.7615, -11.6739, 24.0382

Details

The XYZ color **48.5168, 54.4076, 34.3302** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6701, 29.9545, 57.5419**, and the grayscale version is **50.1393, 52.7504, 57.4452**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **23.2767, 26.5765, 14.2589** is the 20% darker color. If you saturate the color by 10%, you get **47.1343, 53.8564, 27.0467**, and if you desaturate by 10%, it is **50.1675, 55.0698, 43.0139**.

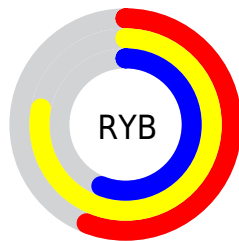
Distribution



Red (78%)

Green (78%)

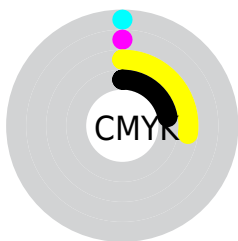
Blue (56%)



Red (56%)

Yellow (78%)

Blue (56%)

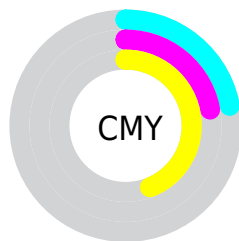


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5168, 54.4076, 34.3302 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 48.5168, 54.4076, 34.3302 by changing the saturation by 10% instead.

 48.5168, 54.4076,
34.3302


 48.5168, 54.4076,
34.3302


371.3855,
403.6624, 336.4159

 34.4493, 38.9276,
22.8680


 87.1784, 96.6725,
67.5866

 23.4035, 26.7034,
14.2917


 112.5032,
124.2261, 90.2178

 15.0141, 17.3506,
8.1827


142.3112,
156.5732, 117.4091

 8.9156, 10.4848,
4.1227

176.9676,
194.0979, 149.5791

 4.7429, 5.7216,
1.6929

216.8379,
237.1848, 187.1462

 2.1304, 2.6765,
0.3558

262.2875,

 0.7057, 0.9653,

286.2183, 230.5290

0.0000

313.6815,
341.5827, 280.1461

■ 0.0000, 0.0000,
0.0000

■ 48.5168, 54.4076,
34.3302

■ 48.5168, 54.4076,
34.3302

■ 47.1343, 53.8564,
27.0467

■ 50.1675, 55.0698,
43.0139

■ 46.0021, 53.4035,
21.0871

■ 52.0952, 55.8410,
53.1622

■ 45.1063, 53.0451,
16.3727


■ 54.3132, 56.7282,
64.8394


■ 44.4303, 52.7746,
12.8155


■ 56.8329, 57.7362,
78.1052

■ 43.9551, 52.5845,
10.3157


■ 59.6649, 58.8690,
93.0159


 43.6585, 52.4658,
8.7569

 61.5371, 59.6180,
102.8718

 43.5100, 52.4063,
7.9772

 61.5376, 59.6182,
102.8718

 43.4802, 52.3944,
7.8215

 61.5381, 59.6185,
102.8719

 61.5386, 59.6188,
102.8719

Harmonies

Analogous

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



54.0805, 54.4076, 33.8356



48.5168, 54.4076, 34.3302



44.1306, 54.4076, 40.6876

Triad

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



48.5168, 54.4076, 34.3302



44.7471, 54.4076, 85.1824



63.0175, 54.4076, 66.1749

Complementary

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



48.5168, 54.4076, 34.3302



31.6701, 29.9545, 57.5419

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.



60.1172, 54.4076, 82.7181



48.5168, 54.4076, 34.3302



49.4152, 54.4076, 94.9549

Square

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



48.5168, 54.4076, 34.3302



42.0652, 54.4076, 69.0894



55.0461, 54.4076, 93.9790



62.7331, 54.4076, 50.3753

Rectangle

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



48.5168, 54.4076, 34.3302



42.3411, 54.4076, 48.1768



55.0461, 54.4076, 93.9790



62.3744, 54.4076, 71.8806

Sweetspot

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



48.5182, 54.4100, 34.3313



91.9369, 98.7547, 92.5106



38.2979, 33.9673, 30.9242



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.



48.5182, 54.4100, 34.3313



84.3333, 95.7130, 52.4828



42.0249, 51.0626, 34.0275



11.5238, 12.4170, 11.3521



28.2747, 34.0714, 5.0862



1.3388, 1.6133, 0.2408

Inverse Universe

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



31.6701, 29.9545, 57.5419



49.3483, 44.9312, 100.6794



36.9626, 32.6829, 57.7896



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 48.5168, 54.4076, 34.3302 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 48.5168, 54.4076, 34.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

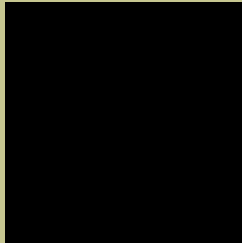
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5168, 54.4076, 34.3302

Background



This preview shows how black text looks on a background with the XYZ color 48.5168, 54.4076, 34.3302.



This preview shows how white text looks on a background with the XYZ color 48.5168, 54.4076,

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

48.5168, 54.4076, 34.3302

Protanopia

50.4688, 54.0919, 33.3720

Deuteranopia

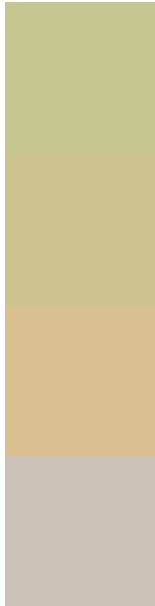
55.2717, 54.2740, 34.7569



Tritanopia

54.8865, 54.3565, 65.3566

Trichromacy



Original Color

48.5168, 54.4076, 34.3302

Protanomaly

49.6499, 53.9925, 33.7914

Deuteranomaly

52.6551, 54.2114, 34.4767

Tritanomaly

52.2458, 54.2553, 52.5184

Monochromacy



Original Color

48.5168, 54.4076, 34.3302

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2778, 53.1481, 48.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5168, 54.4076, 34.3302 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 144) }
```

Border

The CSS property to change the border of an element to XYZ 48.5168, 54.4076, 34.3302 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, 144) }
```


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

```
.border{ border-color:rgb(198, 198, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5168, 54.4076, 34.3302 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, 144) }
```

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

```
.background{ background-color: rgb(198,  
198, 144) }
```

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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