

Converting Colors

XYZ(49.4179, 55.4507, 34.5338)

Have a look what the booklet for
XYZ(49.4179, 55.4507, 34.5338)
contains.

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Color

**XYZ(49.5077, 55.6015,
34.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C890
RGB	200, 200, 144
RGB Percent	78%, 78%, 56%
CMY	0.2157, 0.2157, 0.4353
CMYK	0.00, 0.00, 0.28, 0.22
HSL	60°, 34%, 67%
HSV	60°, 28%, 78%
XYZ	49.5077, 55.6015, 34.5084
YIQ	193.6160, 17.9760, -17.4160

Conversions

Conversions Part 2

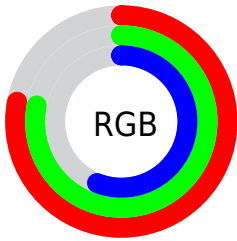
Format	Color
RYB	144, 200, 144
Decimal	13158544
CIELab	79.39, -8.85, 28.10
CIELCh	79, 29.461, 107.482
Yxy	55.6015, 0.3546, 0.3982
Android (android.graphics.Color)	4291348624 (0xFFC8C890)
YUV	193.6160, -24.4607, 5.5988
Hunter-Lab	74.5664, -11.9778, 24.7578

Details

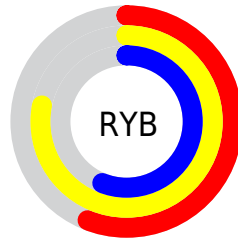
The XYZ color **49.5077, 55.6015, 34.5084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9023, 30.0474, 58.7650**, and the grayscale version is **51.1849, 53.8505, 58.6432**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **23.9317, 27.3678, 14.3771** is the 20% darker color. If you saturate the color by 10%, you get **48.1126, 55.0453, 27.1583**, and if you desaturate by 10%, it is **51.1765, 56.2710, 43.2872**.

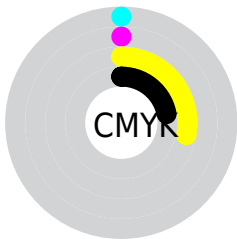
Distribution



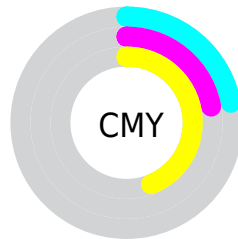
- Red (78%)
- Green (78%)
- Blue (56%)



- 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 49.5077, 55.6015, 34.5084 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 49.5077, 55.6015, 34.5084 by changing the saturation by 10% instead.


 49.5077, 55.6015,
34.5084


 49.5077, 55.6015,
34.5084


375.2215,
408.1880, 337.2312

 35.2386, 39.8835,
23.0039


 88.6412, 98.4217,
67.8664

 24.0141, 27.4477,
14.3911


 114.2364,
126.2927, 90.5570

 15.4689, 17.9098,
8.2513


144.3375,
158.9835, 117.8134

 9.2376, 10.8852,
4.1661

179.3101,
196.8784, 150.0541

 4.9548, 5.9897,
1.7169

219.5194,
240.3620, 187.6977

 2.2553, 2.8388,
0.3723

265.3309,

 0.7716, 1.0482,

289.8185, 231.1628

0.0000

317.1098,
345.6323, 280.8677

■ 0.0000, 0.0000,
0.0000

■ 49.5077, 55.6015,
34.5084

■ 49.5077, 55.6015,
34.5084

■ 48.1126, 55.0453,
27.1583

■ 51.1765, 56.2710,
43.2872

■ 46.9727, 54.5893,
21.1580

■ 53.1279, 57.0516,
53.5610

■ 46.0737, 54.2297,
16.4266

■ 55.3759, 57.9509,
65.3960

■ 45.3984, 53.9595,
12.8729

■ 57.9319, 58.9733,
78.8535

■ 44.9271, 53.7709,
10.3937

■ 60.8071, 60.1235,
93.9917

■ 44.6369, 53.6548,
8.8679

■ 62.5278, 60.8118,
103.0500

■ 44.4935, 53.5974,
8.1151

■ 62.5283, 60.8120,
103.0500

■ 44.4715, 53.5885,
7.9997

■ 62.5287, 60.8123,
103.0501

■ 62.5292, 60.8125,
103.0501

Harmonies

Analogous

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



55.3483, 55.6015, 34.0094



49.5077, 55.6015, 34.5084



44.9086, 55.6015, 41.1072

Triad

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



49.5077, 55.6015, 34.5084



45.5358, 55.6015, 87.8271



64.7318, 55.6015, 67.8697

Complementary

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



49.5077, 55.6015, 34.5084



31.9023, 30.0474, 58.7650

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.



61.6710, 55.6015, 85.2979



49.5077, 55.6015, 34.5084



50.4233, 55.6015, 98.1808

Square

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



49.5077, 55.6015, 34.5084



42.7356, 55.6015, 70.8500



56.3343, 55.6015, 97.1774



64.4407, 55.6015, 51.2831

Rectangle

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



49.5077, 55.6015, 34.5084



43.0326, 55.6015, 48.9158



56.3343, 55.6015, 97.1774



64.0518, 55.6015, 73.8749

Sweetspot

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



49.5091, 55.6040, 34.5096



91.9370, 98.7547, 92.5106



38.8285, 34.2409, 30.9490



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.



49.5091, 55.6040, 34.5096



84.0930, 95.6169, 51.2162



42.7037, 52.0957, 34.1911



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.



31.9023, 30.0474, 58.7650



48.3221, 43.6948, 100.4948



37.4135, 32.8885, 59.0230



10.0568, 10.2875, 13.3731



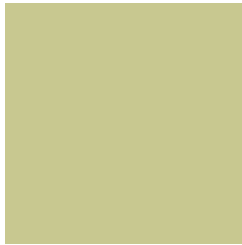
6.6290, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 49.5077, 55.6015, 34.5084 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 49.5077, 55.6015, 34.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

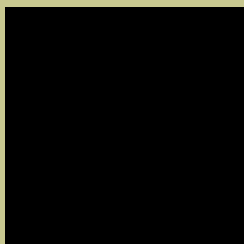
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

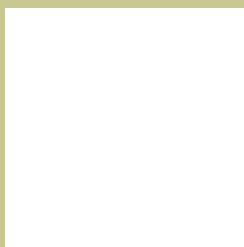
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5077, 55.6015, 34.5084

Background



This preview shows how black text looks on a background with the XYZ color 49.5077, 55.6015, 34.5084.



This preview shows how white text looks on a background with the XYZ color 49.5077, 55.6015,

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

49.5077, 55.6015, 34.5084

Protanopia

51.4864, 55.2817, 33.5480

Deuteranopia

56.4502, 55.1976, 34.8731



Tritanopia

56.1245, 55.6142, 66.8080

Trichromacy



Original Color

49.5077, 55.6015, 34.5084

Protanomaly

50.6563, 55.1811, 33.9677

Deuteranomaly

53.4757, 54.9593, 34.5778

Tritanomaly

53.3437, 55.4700, 53.2427

Monochromacy



Original Color

49.5077, 55.6015, 34.5084

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3414, 54.3502, 48.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5077, 55.6015, 34.5084 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(200, 200, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 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(200, 200, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 144) }
```

Border

The CSS property to change the border of an element to XYZ 49.5077, 55.6015, 34.5084 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(200, 200, 144) }
```


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

```
.border{ border-color:rgb(200, 200, 144) }
```

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

Here you see how a box with a 4 pixel rgb(200, 200, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5077, 55.6015, 34.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 144) }
```

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

```
.background{ background-color: rgb(200,  
200, 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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