

Converting Colors

XYZ(39.8634, 48.2293, 25.0382)

Have a look what the booklet for
XYZ(39.8634, 48.2293, 25.0382)
contains.

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Color

**XYZ(39.6954, 48.0540,
24.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC078
RGB	174, 192, 120
RGB Percent	68%, 75%, 47%
CMY	0.3176, 0.2470, 0.5294
CMYK	0.09, 0.00, 0.38, 0.25
HSL	75°, 36%, 61%
HSV	75°, 38%, 75%
XYZ	39.6954, 48.0540, 24.9525
YIQ	178.4100, 12.3840, -26.2080

Conversions

Conversions Part 2

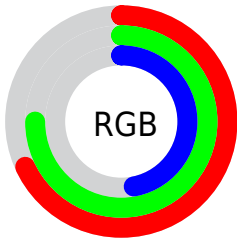
Format	Color
RYB	120, 192, 138
Decimal	11452536
CIELab	74.86, -17.89, 34.26
CIELCh	75, 38.653, 117.574
Yxy	48.0540, 0.3522, 0.4264
Android (android.graphics.Color)	4289642616 (0xFFAEC078)
YUV	178.4100, -28.7961, -3.8676
Hunter-Lab	69.3210, -19.0970, 27.1829

Details

The XYZ color **39.6954, 48.0540, 24.9525** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.7140, 22.6433, 52.8345**, and the grayscale version is **42.6785, 44.9012, 48.8974**.

A 20% lighter version of the original color is **73.7434, 86.9749, 52.4363**, and **18.0838, 22.9005, 9.2615** is the 20% darker color. If you saturate the color by 10%, you get **37.5949, 47.0941, 19.3697**, and if you desaturate by 10%, it is **42.0702, 49.1314, 31.7698**.

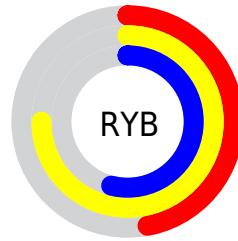
Distribution



Red (68%)

Green (75%)

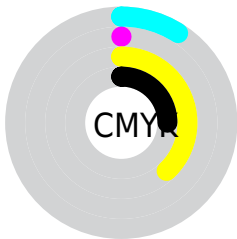
Blue (47%)



Red (47%)

Yellow (75%)

Blue (54%)

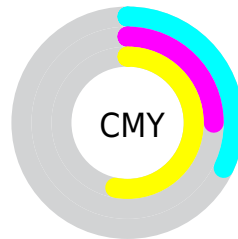


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (25%)



Cyan (32%)


Magenta (25%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6954, 48.0540, 24.9525 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 39.6954, 48.0540, 24.9525 by changing the saturation by 10% instead.


 39.6954, 48.0540,
24.9525


 39.6954, 48.0540,
24.9525


335.9945,
379.0061, 291.0414


 27.4843, 33.8697,
15.8230


 73.9867, 87.2848,
52.5433

 18.0757, 22.7935,
9.2460


 96.7977, 113.1000,
71.8417

 11.1044, 14.4411,
4.8030


 123.8726,
143.5610, 95.3668

 6.2049, 8.4281,
2.0754

155.5769,
179.0522, 123.5371

 3.0119, 4.3701,
0.6011

192.2759,
219.9579, 156.7711

 1.1601, 1.8827,
0.0000

234.3349,

 0.0745, 0.5379,

266.6625, 195.4875

0.0000

282.1193,
319.5504, 240.1048

■ 0.0000, 0.0000,
0.0000

■ 39.6954, 48.0540,
24.9525

■ 39.6954, 48.0540,
24.9525

■ 37.5949, 47.0941,
19.3697

■ 42.0702, 49.1314,
31.7698

■ 35.7507, 46.2394,
14.9442

■ 44.7291, 50.3252,
39.8862

■ 34.1480, 45.4857,
11.5951


■ 47.6854, 51.6425,
49.3658

■ 32.7688, 44.8256,
9.2299


■ 50.9508, 53.0879,
60.2673


■ 31.5923, 44.2508,
7.7403


■ 54.5361, 54.6660,
72.6460

 30.5882, 43.7492,
6.9701

 58.4517, 56.3807,
86.5544

 30.3512, 43.6300,
6.8218

 62.7074, 58.2362,
102.0424

 64.1701, 58.9792,
102.6097

 65.5784, 59.7052,
102.6756

Harmonies

Analogous

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



46.2486, 48.0540, 22.3820



39.6954, 48.0540, 24.9525



35.1832, 48.0540, 34.1814

Triad

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



39.6954, 48.0540, 24.9525



38.7994, 48.0540, 92.2967



60.5617, 48.0540, 53.9790

Complementary

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



39.6954, 48.0540, 24.9525



26.7140, 22.6433, 52.8345

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.



58.0665, 48.0540, 75.9593



39.6954, 48.0540, 24.9525



45.1039, 48.0540, 101.3425

Square

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



39.6954, 48.0540, 24.9525



34.7045, 48.0540, 72.3769



52.2244, 48.0540, 94.7106



58.7408, 48.0540, 36.3639

Rectangle

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



39.6954, 48.0540, 24.9525



33.6990, 48.0540, 44.4234



52.2244, 48.0540, 94.7106



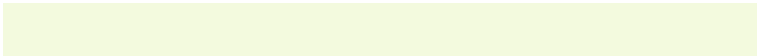
60.1947, 48.0540, 61.1068

Sweetspot

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



39.6966, 48.0561, 24.9535



84.3658, 92.6645, 82.8359



34.2186, 30.7409, 21.9001



17.9413, 19.8093, 17.2633



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6966, 48.0561, 24.9535



68.7589, 85.6230, 36.7375



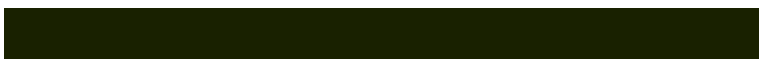
32.7226, 44.4609, 24.6271



10.6595, 11.6275, 10.7444



20.4962, 29.3950, 4.5935



0.9455, 1.3010, 0.2013

Inverse Universe

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



26.7140, 22.6433, 52.8345



41.8834, 32.9739, 94.5174



33.6881, 26.2386, 53.1608



9.7591, 9.8669, 12.6750



7.2839, 3.0154, 33.7547



0.3804, 0.1641, 1.4615

Previews

White Background



This preview shows how the XYZ color 39.6954, 48.0540, 24.9525 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 39.6954, 48.0540, 24.9525 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

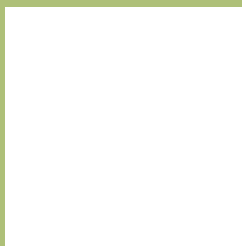
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6954, 48.0540, 24.9525

Background



This preview shows how black text looks on a background with the XYZ color 39.6954, 48.0540, 24.9525.



This preview shows how white text looks on a background with the XYZ color 39.6954, 48.0540,

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

39.6954, 48.0540, 24.9525

Protanopia

44.1708, 47.8447, 23.7365

Deuteranopia

48.6786, 47.7215, 25.7143



Tritanopia

46.7787, 48.0885, 59.6398

Trichromacy



Original Color

39.6954, 48.0540, 24.9525

Protanomaly

42.5262, 47.9250, 24.1486

Deuteranomaly

44.9317, 47.5825, 25.5551

Tritanomaly

43.5427, 47.6857, 44.4454

Monochromacy



Original Color

39.6954, 48.0540, 24.9525

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.1508, 45.6484, 38.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6954, 48.0540, 24.9525 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(174, 192, 120)` looks like.

```
.text, #text, p{  
    color:rgb(174, 192, 120)  
}
```

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(174, 192, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 192, 120) }
```

Border

The CSS property to change the border of an element to XYZ 39.6954, 48.0540, 24.9525 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(174, 192, 120) }
```


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

```
.border{ border-color:rgb(174, 192, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 192, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 192, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 192, 120);  
box-shadow:4px 4px 4px 4px rgb(174, 192,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6954, 48.0540, 24.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 192, 120) }
```

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

```
.background{ background-color: rgb(174,  
192, 120) }
```

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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