

Converting Colors

XYZ(39.5314, 48.5726, 21.8657)

Have a look what the booklet for
XYZ(39.5314, 48.5726, 21.8657)
contains.

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Color

**XYZ(39.5077, 48.6864,
21.7831)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AEC26D |
| RGB | 174, 194, 109 |
| RGB Percent | 68%, 76%, 43% |
| CMY | 0.3176, 0.2392, 0.5725 |
| CMYK | 0.10, 0.00, 0.44, 0.24 |
| HSL | 74°, 41%, 59% |
| HSV | 74°, 44%, 76% |
| XYZ | 39.5077, 48.6864, 21.7831 |
| YIQ | 178.3300, 15.3650, -30.6750 |

Conversions

Conversions Part 2

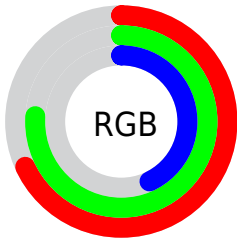
| Format | Color |
|-------------------------------------|--|
| RYB | 109, 194, 129 |
| Decimal | 11453037 |
| CIELab | 75.26, -20.19, 40.37 |
| CIELCh | 75, 45.134, 116.577 |
| Yxy | 48.6864, 0.3592, 0.4427 |
| Android (android.graphics.Color) | 4289643117 (0xFFAEC26D) |
| YUV | 178.3300, -34.1797, -3.7974 |
| Hunter-Lab | 69.7756, -21.0388, 30.3333 |

Details

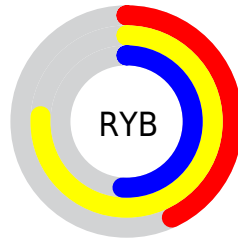
The XYZ color **39.5077, 48.6864, 21.7831** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.2613, 19.5007, 53.5271**, and the grayscale version is **42.6626, 44.8844, 48.8791**.

A 20% lighter version of the original color is **73.9738, 88.5919, 47.3835**, and **17.9132, 23.0650, 7.6455** is the 20% darker color. If you saturate the color by 10%, you get **37.5770, 47.8003, 16.8301**, and if you desaturate by 10%, it is **41.7059, 49.6869, 27.9537**.

Distribution



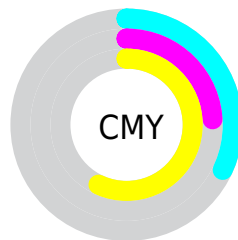
- Red (68%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)





- Cyan (32%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5077, 48.6864, 21.7831 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 39.5077, 48.6864, 21.7831 by changing the saturation by 10% instead.


 39.5077, 48.6864,
21.7831


 39.5077, 48.6864,
21.7831


335.2143,
381.5064, 274.3279


 27.3374, 34.3708,
13.5008


 73.7024, 88.2255,
47.2848


 17.9647, 23.1786,
7.6395


 96.4575, 114.2178,
65.3414

 11.0242, 14.7254,
3.7807


 123.4716,
144.8711, 87.4931

 6.1505, 8.6269,
1.5058

 155.1100,
180.5698, 114.1585

 2.9783, 4.4986,
0.2223

191.7382,
221.6982, 145.7561

 1.1423, 1.9562,
0.0000

233.7214,

 0.0601, 0.5819,

268.6409, 182.7045

0.0000

281.4250,
321.7822, 225.4223

■ 0.0000, 0.0000,
0.0000

■ 39.5077, 48.6864,
21.7831

■ 39.5077, 48.6864,
21.7831

■ 37.5770, 47.8003,
16.8301

■ 41.7059, 49.6869,
27.9537

■ 35.8945, 47.0157,
13.0108

■ 44.1824, 50.8010,
35.4123

■ 34.4439, 46.3278,
10.2358


■ 46.9513, 52.0362,
44.2274


■ 33.2050, 45.7285,
8.4006


■ 50.0251, 53.3975,
54.4620


■ 32.1536, 45.2080,
7.3792


■ 53.4152, 54.8894,
66.1749

 31.5685, 44.9141,
7.0054

 57.1324, 56.5164,
79.4218

 61.1872, 58.2826,
94.2554

 64.0712, 59.5847,
102.7318

 65.3942, 60.2667,
102.7937

Harmonies

Analogous

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



47.2326, 48.6864, 19.2673



39.5077, 48.6864, 21.7831



34.2124, 48.6864, 31.6439

Triad

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



39.5077, 48.6864, 21.7831



38.0436, 48.6864, 100.9317



64.0669, 48.6864, 55.7820

Complementary

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



39.5077, 48.6864, 21.7831



24.2613, 19.5007, 53.5271

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.



60.8841, 48.6864, 82.3197



39.5077, 48.6864, 21.7831



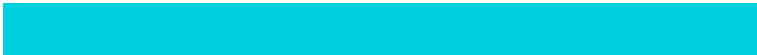
45.3304, 48.6864, 112.8359

Square

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



39.5077, 48.6864, 21.7831



33.4406, 48.6864, 76.1537



53.7740, 48.6864, 105.1742



62.0333, 48.6864, 35.1079

Rectangle

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



39.5077, 48.6864, 21.7831



32.4456, 48.6864, 43.1104



53.7740, 48.6864, 105.1742



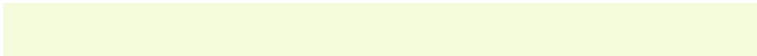
63.5630, 48.6864, 64.3225

Sweetspot

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



39.5089, 48.6886, 21.7841



85.3822, 94.4149, 81.1783



32.8385, 28.2315, 18.1871



18.4386, 20.5607, 16.9343



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.



39.5089, 48.6886, 21.7841



68.0679, 86.5935, 30.4699



31.5174, 44.5688, 21.4101



10.6742, 11.6350, 10.7451



20.8296, 29.5669, 4.6091



0.9576, 1.3072, 0.2018

Inverse Universe

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



24.2613, 19.5007, 53.5271



36.8010, 26.6650, 95.6770



32.0752, 23.5289, 53.8927



9.7453, 9.8598, 12.6743



7.1944, 2.9693, 33.7506



0.3743, 0.1610, 1.4612

Previews

White Background



This preview shows how the XYZ color 39.5077, 48.6864, 21.7831 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 39.5077, 48.6864, 21.7831 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 39.5077, 48.6864, 21.7831

Background



This preview shows how black text looks on a background with the XYZ color 39.5077, 48.6864, 21.7831.



This preview shows how white text looks on a background with the XYZ color 39.5077, 48.6864,

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

39.5077, 48.6864, 21.7831

Protanopia

44.5791, 48.4350, 20.6350

Deuteranopia

49.4432, 48.4838, 22.3752



Tritanopia

47.3411, 48.6725, 60.3257

Trichromacy



Original Color

39.5077, 48.6864, 21.7831

Protanomaly

42.3753, 48.2344, 20.9867

Deuteranomaly

45.3117, 48.1586, 22.2366

Tritanomaly

43.9222, 48.5434, 43.1313

Monochromacy



Original Color

39.5077, 48.6864, 21.7831

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0217, 45.9280, 36.8399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5077, 48.6864, 21.7831 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, 194, 109)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 109)  
}
```

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, 194, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 109) }
```

Border

The CSS property to change the border of an element to XYZ 39.5077, 48.6864, 21.7831 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, 194, 109) }
```


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

```
.border{ border-color:rgb(174, 194, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 109);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5077, 48.6864, 21.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 109) }
```

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

```
.background{ background-color: rgb(174,  
194, 109) }
```

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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