

Converting Colors

XYZ(39.6021, 50.3844, 25.0908)

Have a look what the booklet for
XYZ(39.6021, 50.3844, 25.0908)
contains.

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Color

**XYZ(39.4791, 50.2857,
25.0781)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C777
RGB	166, 199, 119
RGB Percent	65%, 78%, 47%
CMY	0.3490, 0.2196, 0.5333
CMYK	0.17, 0.00, 0.40, 0.22
HSL	85°, 42%, 62%
HSV	85°, 40%, 78%
XYZ	39.4791, 50.2857, 25.0781
YIQ	180.0130, 6.0120, -31.8760

Conversions

Conversions Part 2

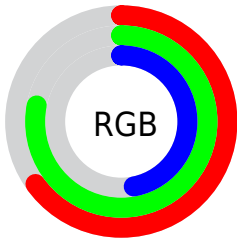
Format	Color
RYB	119, 199, 152
Decimal	10930039
CIELab	76.24, -24.54, 36.45
CIElCh	76, 43.940, 123.957
Yxy	50.2857, 0.3438, 0.4379
Android (android.graphics.Color)	4289120119 (0xFFA6C777)
YUV	180.0130, -30.0794, -12.2894
Hunter-Lab	70.9124, -24.7203, 28.6708

Details

The XYZ color **39.4791, 50.2857, 25.0781** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.8565, 23.9939, 57.0932**, and the grayscale version is **43.5447, 45.8124, 49.8897**.

A 20% lighter version of the original color is **73.3306, 90.0282, 52.5420**, and **18.0096, 24.1912, 9.3504** is the 20% darker color. If you saturate the color by 10%, you get **36.7409, 48.9996, 19.3513**, and if you desaturate by 10%, it is **42.5800, 51.7330, 32.1301**.

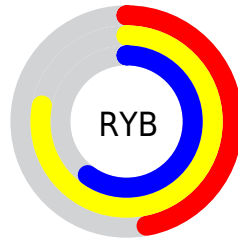
Distribution



Red (65%)

Green (78%)

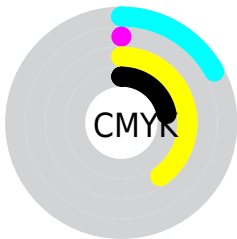
Blue (47%)



Red (47%)

Yellow (78%)

Blue (60%)

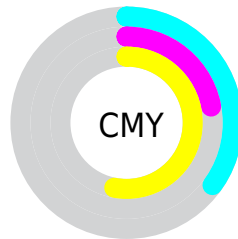


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4791, 50.2857, 25.0781 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 39.4791, 50.2857, 25.0781 by changing the saturation by 10% instead.

■ 39.4791, 50.2857,
25.0781

■ 39.4791, 50.2857,
25.0781

335.0953,
387.7822, 291.6868

■ 27.3150, 35.6405,
15.9157

■ 73.6590, 90.5980,
52.7496

■ 17.9478, 24.1566,
9.3108

■ 96.4056, 117.0339,
72.0958

■ 11.0120, 15.4499,
4.8449

■ 123.4105,
148.1688, 95.6736

■ 6.1422, 9.1357,
2.0994

155.0389,
184.3871, 123.9016

■ 2.9732, 4.8298,
0.6154

191.6562,
226.0732, 157.1985

■ 1.1396, 2.1478,
0.0000

233.6278,

■ 0.0579, 0.6913,

273.6115, 195.9825

0.0000

281.3191,
327.3863, 240.6725

■ 0.0000, 0.0000,
0.0000

■ 39.4791, 50.2857,
25.0781

■ 39.4791, 50.2857,
25.0781

■ 36.7409, 48.9996,
19.3513

■ 42.5800, 51.7330,
32.1301

■ 34.3438, 47.8607,
14.8636

■ 46.0561, 53.3416,
40.5799

■ 32.2695, 46.8631,
11.5234


■ 49.9240, 55.1200,
50.4988


■ 30.4958, 45.9978,
9.2256


■ 54.1979, 57.0742,
61.9520


■ 28.9968, 45.2540,
7.8453


■ 58.8913, 59.2098,
75.0011

 27.7481, 44.6244,
7.1509

 64.0170, 61.5320,
89.7040

 69.0504, 63.8314,
103.2891

 71.6487, 65.1709,
103.4107

 74.3715, 66.5745,
103.5381

Harmonies

Analogous

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



46.7098, 50.2857, 20.8114



39.4791, 50.2857, 25.0781



34.9249, 50.2857, 37.1475

Triad

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



39.4791, 50.2857, 25.0781



41.1702, 50.2857, 106.4847



65.4099, 50.2857, 51.6800

Complementary

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



39.4791, 50.2857, 25.0781



29.8565, 23.9939, 57.0932

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.



63.4924, 50.2857, 77.1912



39.4791, 50.2857, 25.0781



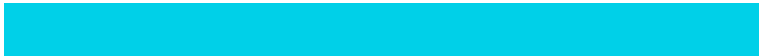
48.8970, 50.2857, 113.6502

Square

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



39.4791, 50.2857, 25.0781



35.8197, 50.2857, 84.2146



57.2037, 50.2857, 101.6791



62.1800, 50.2857, 33.1144

Rectangle

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



39.4791, 50.2857, 25.0781



33.7056, 50.2857, 50.1130



57.2037, 50.2857, 101.6791



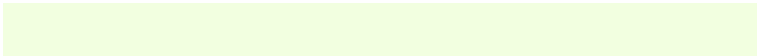
65.3480, 50.2857, 59.6701

Sweetspot

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



39.4804, 50.2879, 25.0792



86.0161, 95.8675, 84.7765



37.9514, 35.6089, 22.3264



18.2142, 20.4292, 17.6354



0.0000, 0.0000, 0.0000



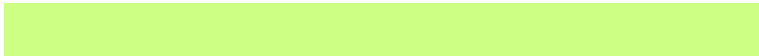
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4804, 50.2879, 25.0792



65.0066, 86.1113, 35.2406



32.5071, 46.6931, 24.7528



11.0845, 12.1905, 11.3315



17.9433, 28.7454, 4.6027



0.9305, 1.4028, 0.2217

Inverse Universe

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



29.8565, 23.9939, 57.0932



45.9338, 33.9646, 98.7426



38.3933, 28.3948, 57.4928



10.4642, 10.4976, 13.3922



8.9660, 3.8564, 35.0162



0.5065, 0.2248, 1.6618

Previews

White Background



This preview shows how the XYZ color 39.4791, 50.2857, 25.0781 looks on a white background.

Color Contrast Check

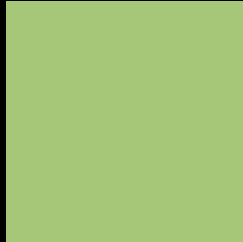
Large Text (above 18pt) WCAG AA × Fail

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 39.4791, 50.2857, 25.0781 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

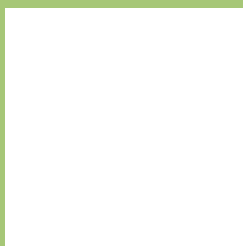
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4791, 50.2857, 25.0781

Background



This preview shows how black text looks on a background with the XYZ color 39.4791, 50.2857, 25.0781.



This preview shows how white text looks on a background with the XYZ color 39.4791, 50.2857,

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

39.4791, 50.2857, 25.0781

Protanopia

46.2546, 50.1834, 23.4681

Deuteranopia

50.7466, 49.6778, 25.6530



Tritanopia

47.4568, 50.2198, 64.3189

Trichromacy



Original Color

39.4791, 50.2857, 25.0781

Protanomaly

43.4879, 50.0366, 23.8890

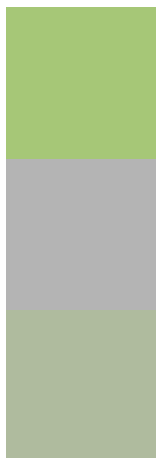
Deuteranomaly

45.9736, 49.3603, 25.5168

Tritanomaly

44.0683, 50.1557, 46.8935

Monochromacy



Original Color

39.4791, 50.2857, 25.0781

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.6211, 47.1232, 39.2498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4791, 50.2857, 25.0781 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(166, 199, 119)` looks like.

```
.text, #text, p{  
    color:rgb(166, 199, 119)  
}
```

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(166, 199, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 199, 119) }
```

Border

The CSS property to change the border of an element to XYZ 39.4791, 50.2857, 25.0781 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(166, 199, 119) }
```


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

```
.border{ border-color:rgb(166, 199, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 199, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 199, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 199, 119); box-shadow:4px 4px 4px 4px rgb(166, 199, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4791, 50.2857, 25.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 199, 119) }
```

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

```
.background{ background-color: rgb(166,  
199, 119) }
```

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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