

Converting Colors

XYZ(39.0722, 50.8928, 19.5766)

Have a look what the booklet for
XYZ(39.0722, 50.8928, 19.5766)
contains.

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Color

**XYZ(39.0751, 50.8896,
19.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C963
RGB	167, 201, 99
RGB Percent	65%, 79%, 39%
CMY	0.3451, 0.2117, 0.6118
CMYK	0.17, 0.00, 0.51, 0.21
HSL	80°, 49%, 59%
HSV	80°, 51%, 79%
XYZ	39.0751, 50.8896, 19.5676
YIQ	179.2060, 12.4780, -38.9300

Conversions

Conversions Part 2

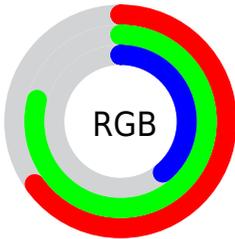
Format	Color
RYB	99, 201, 133
Decimal	10996067
CIELab	76.61, -27.41, 46.81
CIELCh	77, 54.244, 120.347
Yxy	50.8896, 0.3567, 0.4646
Android (android.graphics.Color)	4289186147 (0xFFA7C963)
YUV	179.2060, -39.5416, -10.7047
Hunter-Lab	71.3369, -27.0656, 33.6727

Details

The XYZ color **39.0751, 50.8896, 19.5676** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **24.6794, 18.1287, 57.4597**, and the grayscale version is **43.1585, 45.4061, 49.4472**.

A 20% lighter version of the original color is **72.1680, 89.6343, 43.2033**, and **17.7773, 24.5915, 6.6060** is the 20% darker color. If you saturate the color by 10%, you get **36.8525, 49.8430, 15.0569**, and if you desaturate by 10%, it is **41.6127, 52.0742, 25.3434**.

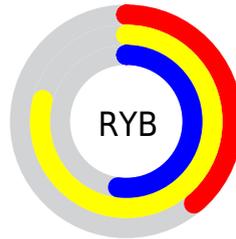
Distribution



Red (65%)

Green (79%)

Blue (39%)



Red (39%)

Yellow (79%)

Blue (52%)

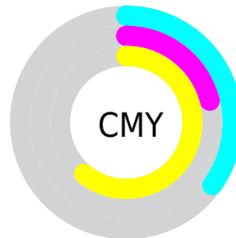


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (21%)



Cyan (35%)

Magenta (21%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0751, 50.8896, 19.5676 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 39.0751, 50.8896, 19.5676 by changing the saturation by 10% instead.

■ 39.0751, 50.8896,
19.5676

■ 39.0751, 50.8896,
19.5676

333.4113,
390.1347, 262.0909

■ 26.9991, 36.1208,
11.9002

■ 73.0464, 91.4916,
43.5404

■ 17.7092, 24.5275,
6.5540

■ 95.6724, 118.0935,
60.6829

■ 10.8398, 15.7254,
3.1106

■ 122.5458,
149.4085, 81.8208

■ 6.0257, 9.3300,
1.1514

■ 154.0320,
185.8211, 107.3727

■ 2.9015, 4.9571,
0.0000

190.4963,
227.7156, 137.7572

■ 1.1019, 2.2221,
0.0000

232.3040,

■ 0.0267, 0.7320,

275.4765, 173.3926

0.0000

279.8206,
329.4880, 214.6977

■ 0.0000, 0.0000,
0.0000

■ 39.0751, 50.8896,
19.5676

■ 39.0751, 50.8896,
19.5676

■ 36.8525, 49.8430,
15.0569

■ 41.6127, 52.0742,
25.3434

■ 34.9220, 48.9198,
11.7127

■ 44.4789, 53.3971,
32.4667

■ 33.2632, 48.1135,
9.4273

■ 47.6909, 54.8670,
41.0163

■ 31.8502, 47.4136,
8.0714

■ 51.2633, 56.4900,
51.0646

■ 30.7184, 46.8434,
7.4226

■ 55.2098, 58.2715,
62.6786

■ 59.5435, 60.2170,
75.9215

■ 64.2767, 62.3314,
90.8529

■ 68.6372, 64.3061,
103.4025

■ 70.7138, 65.3766,
103.4997

Harmonies

Analogous

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



48.2497, 50.8896, 15.9513



39.0751, 50.8896, 19.5676



33.1772, 50.8896, 31.9040

Triad

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



39.0751, 50.8896, 19.5676



39.2548, 50.8896, 120.3996



70.8874, 50.8896, 55.0689

Complementary

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



39.0751, 50.8896, 19.5676



24.6794, 18.1287, 57.4597

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.



67.6080, 50.8896, 88.3078



39.0751, 50.8896, 19.5676



48.4885, 50.8896, 133.2357

Square

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



39.0751, 50.8896, 19.5676



33.2702, 50.8896, 89.1184



59.0309, 50.8896, 119.8268



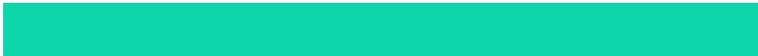
67.4588, 50.8896, 31.4958

Rectangle

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



39.0751, 50.8896, 19.5676



31.4180, 50.8896, 46.4701



59.0309, 50.8896, 119.8268



70.5282, 50.8896, 65.4289

Sweetspot

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



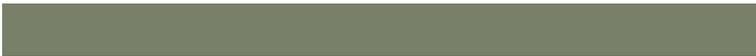
39.0763, 50.8919, 19.5687



84.9552, 95.4380, 79.4190



34.7289, 30.0951, 15.7836



17.9056, 20.3012, 16.2184



0.0000, 0.0000, 0.0000



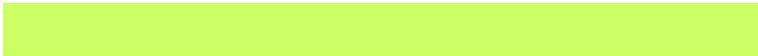
20.3446, 21.4041, 23.3091

Same Dimension

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



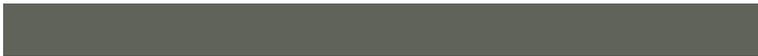
39.0763, 50.8919, 19.5687



62.7014, 85.1462, 25.0476



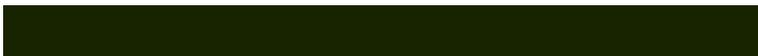
30.3429, 46.3896, 19.1600



11.1671, 12.2331, 11.3354



19.4140, 29.5036, 4.6715



0.9938, 1.4354, 0.2247

Inverse Universe

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



24.6794, 18.1287, 57.4597



35.3741, 22.8379, 97.1515



34.7735, 23.3324, 57.9321



10.3843, 10.4564, 13.3885



8.1720, 3.4471, 34.9790



0.4641, 0.2030, 1.6599

Previews

White Background



This preview shows how the XYZ color 39.0751, 50.8896, 19.5676 looks on a white background.

Color Contrast Check

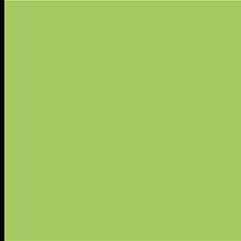
Large Text (above 18pt) WCAG AA × Fail

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 39.0751, 50.8896, 19.5676 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 39.0751, 50.8896, 19.5676

Background



This preview shows how black text looks on a background with the XYZ color 39.0751, 50.8896, 19.5676.



This preview shows how white text looks on a background with the XYZ color 39.0751, 50.8896,

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

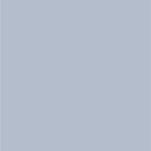
39.0751, 50.8896, 19.5676

Protanopia

46.2756, 50.6313, 18.1603

Deuteranopia

51.4531, 50.4650, 20.1255



Tritanopia

47.9191, 50.4581, 64.3405

Trichromacy



Original Color

39.0751, 50.8896, 19.5676

Protanomaly

43.1736, 50.3219, 18.5039

Deuteranomaly

46.1136, 50.1911, 19.8278

Tritanomaly

43.6321, 50.0071, 43.4291

Monochromacy



Original Color

39.0751, 50.8896, 19.5676

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.9545, 46.8566, 35.7399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0751, 50.8896, 19.5676 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(167, 201, 99)` looks like.

```
.text, #text, p{  
    color:rgb(167, 201, 99)  
}
```

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(167, 201, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 201, 99) }
```

Border

The CSS property to change the border of an element to XYZ 39.0751, 50.8896, 19.5676 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(167, 201, 99) }
```

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

```
.border{ border-color:rgb(167, 201, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 201, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 201, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 201, 99);  
box-shadow:4px 4px 4px 4px rgb(167, 201,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0751, 50.8896, 19.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 201, 99) }
```

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

```
.background{ background-color: rgb(167,  
201, 99) }
```

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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