

Converting Colors

XYZ(35.9256, 53.6167, 19.0040)

Have a look what the booklet for
XYZ(35.9256, 53.6167, 19.0040)
contains.

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Color

**XYZ(35.9680, 53.6309,
19.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	88D55E
RGB	136, 213, 94
RGB Percent	53%, 84%, 37%
CMY	0.4667, 0.1647, 0.6314
CMYK	0.36, 0.00, 0.56, 0.16
HSL	99°, 59%, 60%
HSV	99°, 56%, 84%
XYZ	35.9680, 53.6309, 19.0458
YIQ	176.4110, -7.6930, -53.3330

Conversions

Conversions Part 2

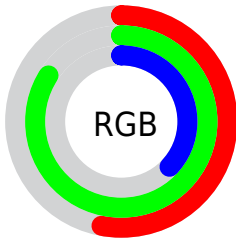
Format	Color
RYB	94, 213, 171
Decimal	8967518
CIELab	78.25, -44.58, 50.64
CIELCh	78, 67.466, 131.356
Yxy	53.6309, 0.3311, 0.4936
Android (android.graphics.Color)	4287157598 (0xFF88D55E)
YUV	176.4110, -40.6286, -35.4404
Hunter-Lab	73.2331, -40.4888, 35.8436

Details

The XYZ color **35.9680, 53.6309, 19.0458** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **32.8101, 21.4692, 65.3684**, and the grayscale version is **41.6913, 43.8625, 47.7663**.

A 20% lighter version of the original color is **63.0976, 84.9956, 41.0972**, and **15.9354, 26.3193, 6.3381** is the 20% darker color. If you saturate the color by 10%, you get **33.0449, 52.2213, 14.5899**, and if you desaturate by 10%, it is **39.4453, 55.2991, 24.9063**.

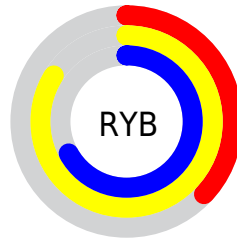
Distribution



Red (53%)

Green (84%)

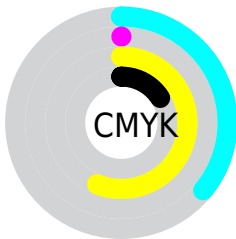
Blue (37%)



Red (37%)

Yellow (84%)

Blue (67%)

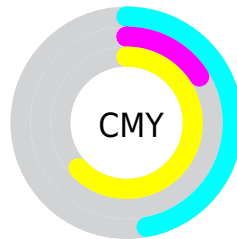


Cyan (36%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (47%)


Magenta (16%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9680, 53.6309, 19.0458 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 35.9680, 53.6309, 19.0458 by changing the saturation by 10% instead.


 35.9680, 53.6309,
19.0458


 35.9680, 53.6309,
19.0458


320.2543,
400.7010, 259.1326


 24.5795, 38.3067,
11.5262


 68.3069, 95.5321,
42.6492


 15.8911, 26.2208,
6.3034


 89.9879, 122.8778,
59.5701

 9.5375, 16.9889,
2.9586


 115.8305,
154.9995, 80.4619

 5.1533, 10.2266,
1.0736

 146.2000,
192.2815, 105.7431

 2.3732, 5.5494,
0.0000

181.4618,
235.1083, 135.8322

 0.8317, 2.5731,
0.0000

221.9812,

 0.0000, 0.9132,

283.8642, 171.1478

0.0000

268.1236,
338.9336, 212.1084

■ 0.0000, 0.0000,
0.0000

■ 35.9680, 53.6309,
19.0458

■ 35.9680, 53.6309,
19.0458

■ 33.0449, 52.2213,
14.5899

■ 39.4453, 55.2991,
24.9063

■ 30.6391, 51.0487,
11.4173

■ 43.5030, 57.2320,
32.2725

■ 28.7141, 50.0992,
9.3919

■ 48.1701, 59.4444,
41.2399

■ 27.2256, 49.3535,
8.3440

■ 53.4723, 61.9474,
51.8955

■ 26.7105, 49.0935,
8.0682

■ 59.4338, 64.7518,
64.3199

■ 66.0774, 67.8678,
78.5883

■ 73.4249, 71.3050,
94.7718

■ 79.9450, 74.4518,
104.7648

■ 83.0854, 76.0707,
104.9118

Harmonies

Analogous

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



46.1357, 53.6309, 12.1731



35.9680, 53.6309, 19.0458



30.4985, 53.6309, 38.0919

Triad

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



35.9680, 53.6309, 19.0458



43.2787, 53.6309, 157.9809



80.1488, 53.6309, 45.2124

Complementary

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



35.9680, 53.6309, 19.0458



32.8101, 21.4692, 65.3684

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.



79.0241, 53.6309, 84.8709



35.9680, 53.6309, 19.0458



56.1405, 53.6309, 162.6732

Square

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



35.9680, 53.6309, 19.0458



34.1887, 53.6309, 120.8426



69.6638, 53.6309, 131.7744



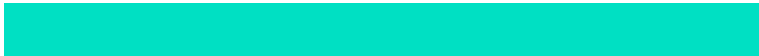
72.5134, 53.6309, 22.3149

Rectangle

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



35.9680, 53.6309, 19.0458



29.5668, 53.6309, 60.1326



69.6638, 53.6309, 131.7744



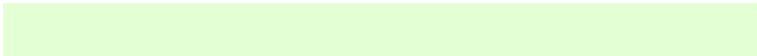
80.8132, 53.6309, 56.6911

Sweetspot

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



35.9693, 53.6332, 19.0470



79.2619, 92.5784, 75.7480



43.7194, 43.4691, 16.6766



16.6078, 19.6470, 15.4873



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.



35.9693, 53.6332, 19.0470



48.9456, 78.1319, 20.9196



31.2192, 51.0936, 22.9315



12.6718, 14.1070, 13.2158



16.4159, 30.0391, 4.9329



1.0786, 1.8574, 0.3017

Inverse Universe

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



32.8101, 21.4692, 65.3684



43.6615, 25.1468, 97.1603



41.5387, 26.1904, 55.7720



12.5080, 12.4033, 15.6723



13.8361, 6.2853, 38.9371



0.9228, 0.4246, 2.3526

Previews

White Background



This preview shows how the XYZ color 35.9680, 53.6309, 19.0458 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 35.9680, 53.6309, 19.0458 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 35.9680, 53.6309, 19.0458

Background



This preview shows how black text looks on a background with the XYZ color 35.9680, 53.6309, 19.0458.

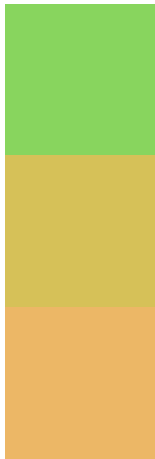


This preview shows how white text looks on a background with the XYZ color 35.9680, 53.6309,

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

35.9680, 53.6309, 19.0458

Protanopia

48.5630, 53.1407, 16.9301

Deuteranopia

53.9238, 52.6591, 19.8925



Tritanopia

46.7592, 53.3343, 72.7958

Trichromacy



Original Color

35.9680, 53.6309, 19.0458



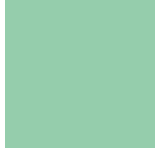
Protanomaly

42.7494, 52.4858, 17.5505



Deuteranomaly

45.3633, 51.7638, 19.4049



Tritanomaly

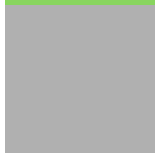
41.6721, 53.0308, 47.0693

Monochromacy



Original Color

35.9680, 53.6309, 19.0458



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.0838, 46.0476, 34.0750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9680, 53.6309, 19.0458 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(136, 213, 94)` looks like.

```
.text, #text, p{  
    color:rgb(136, 213, 94)  
}
```

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(136, 213, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 213, 94) }
```

Border

The CSS property to change the border of an element to XYZ 35.9680, 53.6309, 19.0458 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(136, 213, 94) }
```


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

```
.border{ border-color:rgb(136, 213, 94) }
```

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

Here you see how a box with a 4 pixel rgb(136, 213, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 213, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 213, 94);  
box-shadow:4px 4px 4px 4px rgb(136, 213,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9680, 53.6309, 19.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 213, 94) }
```

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

```
.background{ background-color: rgb(136,  
213, 94) }
```

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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