

Converting Colors

XYZ(11.7061, 19.9834, 13.5827)

Have a look what the booklet for
XYZ(11.7061, 19.9834, 13.5827)
contains.

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Color

**XYZ(11.6818, 19.9334,
13.5878)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8D5D
RGB	14, 141, 93
RGB Percent	5%, 55%, 36%
CMY	0.9451, 0.4471, 0.6353
CMYK	0.90, 0.00, 0.34, 0.45
HSL	157°, 82%, 30%
HSV	157°, 90%, 55%
XYZ	11.6818, 19.9334, 13.5878
YIQ	97.5550, -60.2840, -41.8520

Conversions

Conversions Part 2

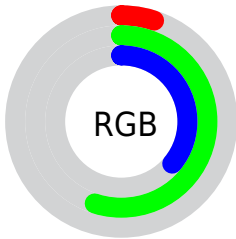
Format	Color
RYB	14, 92, 141
Decimal	953693
CIELab	51.76, -43.48, 16.89
CIELCh	52, 46.645, 158.776
Yxy	19.9334, 0.2584, 0.4410
Android (android.graphics.Color)	4279143773 (0xFF0E8D5D)
YUV	97.5550, -2.2456, -73.2777
Hunter-Lab	44.6468, -31.4276, 13.2085

Details

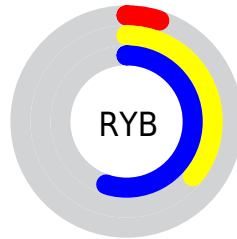
The XYZ color **11.6818, 19.9334, 13.5878** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.0119, 6.3252, 5.1468**, and the grayscale version is **11.5162, 12.1159, 13.1942**.

A 20% lighter version of the original color is **28.7044, 43.5197, 33.2728**, and **4.0855, 7.3500, 3.8927** is the 20% darker color. If you saturate the color by 10%, you get **11.2745, 19.7501, 12.3867**, and if you desaturate by 10%, it is **12.2274, 20.1870, 14.8895**.

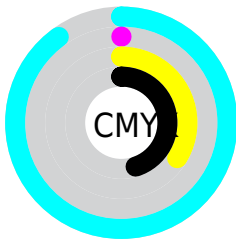
Distribution



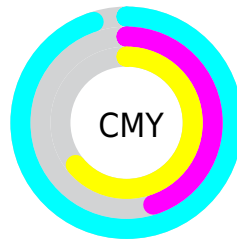
- Red (5%)
- Green (55%)
- Blue (36%)



- Red (5%)
- Yellow (36%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (34%)
- Black (45%)




- Cyan (95%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6818, 19.9334, 13.5878 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 11.6818, 19.9334, 13.5878 by changing the saturation by 10% instead.


 11.6818, 19.9334,
13.5878


 11.6818, 19.9334,
13.5878


196.1004,
251.5543, 225.9898


 6.5980, 12.3466,
7.6991


 28.5361, 43.3055,
33.0624


 3.2561, 6.9802,
3.8180


 41.0374, 59.8596,
47.4853


 1.2906, 3.4497,
1.5260

 56.7420, 80.1717,
65.5900

 0.1762, 1.3708,
0.2372

 76.0151, 104.6260,
87.7951

 0.0000, 0.1950,
0.0000

 99.2221, 133.6071,
114.5191

 0.0000, 0.0000,
0.0000

 126.7285,

167.4992, 146.1805

158.8994,
206.6868, 183.1979

■ 11.6818, 19.9334,
13.5878

■ 11.6818, 19.9334,
13.5878

■ 11.2745, 19.7501,
12.3867

■ 12.2274, 20.1870,
14.8895

■ 12.9702, 20.5397,
16.2875

■ 13.9333, 21.0041,
17.7851

■ 15.1363, 21.5901,
19.3848

■ 16.5963, 22.3065,
21.0889

■ 18.3288, 23.1614,
22.8997

■ 20.3483, 24.1621,
24.8193

■ 22.6680, 25.3153,
26.8498

■ 25.3002, 26.6276,
28.9931

Harmonies

Analogous

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



13.8109, 19.9334, 7.0911



11.6818, 19.9334, 13.5878



11.3166, 19.9334, 25.9169

Triad

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



11.6818, 19.9334, 13.5878



20.3650, 19.9334, 58.8666



26.9402, 19.9334, 9.1549

Complementary

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



11.6818, 19.9334, 13.5878



12.0119, 6.3252, 5.1468

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.



29.4073, 19.9334, 17.9745



11.6818, 19.9334, 13.5878



25.2184, 19.9334, 48.9332

Square

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



11.6818, 19.9334, 13.5878



15.8464, 19.9334, 56.0746



28.7297, 19.9334, 32.5408



22.4258, 19.9334, 5.3711

Rectangle

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



11.6818, 19.9334, 13.5878



12.0517, 19.9334, 36.7776



28.7297, 19.9334, 32.5408



28.0679, 19.9334, 11.4409

Sweetspot

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



11.6823, 19.9342, 13.5883



33.6725, 41.8973, 41.8441



11.6347, 20.1287, 3.6879



7.2970, 9.2471, 9.1253



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6823, 19.9342, 13.5883



20.1063, 35.3345, 21.7406



12.4739, 16.9861, 27.8214



5.4750, 6.0822, 6.4671



10.2877, 18.0110, 11.3352



0.1091, 0.1765, 0.1650

Inverse Universe

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



12.0119, 6.3252, 5.1468



20.7580, 10.5756, 6.6424



11.4993, 6.5649, 1.0769



5.4879, 5.4557, 6.0675



10.6152, 5.4031, 3.6251



0.1116, 0.0557, 0.0879

Previews

White Background



This preview shows how the XYZ color 11.6818, 19.9334, 13.5878 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6818, 19.9334, 13.5878 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 × Fail

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

XYZ 11.6818, 19.9334, 13.5878

Background



This preview shows how black text looks on a background with the XYZ color 11.6818, 19.9334, 13.5878.



This preview shows how white text looks on a background with the XYZ color 11.6818, 19.9334,

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

11.6818, 19.9334, 13.5878

Protanopia

18.3955, 19.8083, 11.4482

Deuteranopia

20.0107, 19.6783, 14.2989



Tritanopia

15.0902, 20.0504, 29.8628

Trichromacy



Original Color

11.6818, 19.9334, 13.5878



Protanomaly

13.9605, 18.8435, 12.1339



Deuteranomaly

14.3960, 18.2530, 13.8308



Tritanomaly

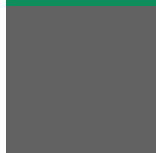
13.4745, 19.7910, 22.8485

Monochromacy



Original Color

11.6818, 19.9334, 13.5878



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

10.4434, 14.0724, 13.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6818, 19.9334, 13.5878 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(14, 141, 93)` looks like.

```
.text, #text, p{  
    color:rgb(14, 141, 93)  
}
```

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(14, 141, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 141, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.6818, 19.9334, 13.5878 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(14, 141, 93) }
```


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

```
.border{ border-color:rgb(14, 141, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 141, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 141, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 141, 93);  
box-shadow:4px 4px 4px 4px rgb(14, 141,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6818, 19.9334, 13.5878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 141, 93) }
```

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

```
.background{ background-color: rgb(14, 141,  
93) }
```

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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