

Converting Colors

XYZ(11.9064, 19.5560, 16.2177)

Have a look what the booklet for
XYZ(11.9064, 19.5560, 16.2177)
contains.

XYZ(11.9124, 19.5581, 16.2439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.9124, 19.5581,
16.2439)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8B68
RGB	14, 139, 104
RGB Percent	5%, 55%, 41%
CMY	0.9451, 0.4549, 0.5922
CMYK	0.90, 0.00, 0.25, 0.45
HSL	163°, 82%, 30%
HSV	163°, 90%, 55%
XYZ	11.9124, 19.5581, 16.2439
YIQ	97.6350, -63.2650, -37.3850

Conversions

Conversions Part 2

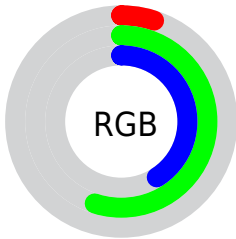
Format	Color
RYB	14, 87, 139
Decimal	953192
CIELab	51.33, -40.01, 10.02
CIElCh	51, 41.247, 165.941
Yxy	19.5581, 0.2497, 0.4099
Android (android.graphics.Color)	4279143272 (0xFF0E8B68)
YUV	97.6350, 3.1379, -73.3479
Hunter-Lab	44.2245, -29.3119, 9.1797

Details

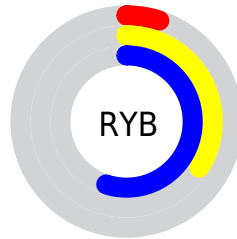
The XYZ color **11.9124, 19.5581, 16.2439** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.3596, 6.0253, 3.4709**, and the grayscale version is **11.5233, 12.1234, 13.2024**.

A 20% lighter version of the original color is **28.8241, 42.4849, 37.6916**, and **4.2282, 7.2749, 5.0522** is the 20% darker color. If you saturate the color by 10%, you get **11.5398, 19.3888, 15.2184**, and if you desaturate by 10%, it is **12.4104, 19.7920, 17.3238**.

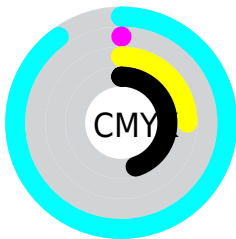
Distribution



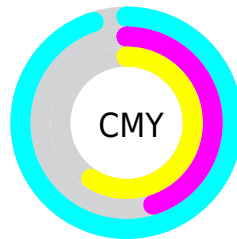
- Red (5%)
- Green (55%)
- Blue (41%)



- Red (5%)
- Yellow (34%)
- Blue (55%)



- Cyan (90%)
- Magenta (0%)
- Yellow (25%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9124, 19.5581, 16.2439 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 11.9124, 19.5581, 16.2439 by changing the saturation by 10% instead.

■ 11.9124, 19.5581,
16.2439

■ 11.9124, 19.5581,
16.2439

197.6063,
249.5127, 242.6713

■ 6.7558, 12.0742,
9.5407

■ 28.9537, 42.6751,
37.7938

■ 3.3548, 6.7943,
4.9939

■ 41.5691, 59.0769,
53.4775

■ 1.3441, 3.3338,
2.1850

■ 57.4016, 79.2203,
72.9919

■ 0.2158, 1.3084,
0.6657

■ 76.8164, 103.4895,
96.7553

■ 0.0000, 0.1477,
0.0000

■ 100.1789,
132.2689, 125.1865

■ 0.0000, 0.0000,
0.0000

■ 127.8545,

165.9430, 158.7038

160.2085,
204.8961, 197.7259

■ 11.9124, 19.5581,
16.2439

■ 11.9124, 19.5581,
16.2439

■ 11.5398, 19.3888,
15.2184

■ 12.4104, 19.7920,
17.3238

■ 11.5370, 19.3876,
15.2107

■ 13.0927, 20.1192,
18.4601

■ 13.9813, 20.5518,
19.6550

■ 15.0947, 21.0992,
20.9099

■ 16.4495, 21.7698,
22.2262

■ 18.0603, 22.5714,
23.6051

■ 19.9410, 23.5109,
25.0479

■ 22.1040, 24.5949,
26.5557

■ 24.5612, 25.8293,
28.1295

Harmonies

Analogous

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



13.4557, 19.5581, 9.0898



11.9124, 19.5581, 16.2439



11.9626, 19.5581, 28.1577

Triad

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



11.9124, 19.5581, 16.2439



20.8522, 19.5581, 51.4259



24.6634, 19.5581, 8.7941

Complementary

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



11.9124, 19.5581, 16.2439



11.3596, 6.0253, 3.4709

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.



27.2990, 19.5581, 15.6498



11.9124, 19.5581, 16.2439



24.8864, 19.5581, 41.3006

Square

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



11.9124, 19.5581, 16.2439



16.7299, 19.5581, 51.7742



27.3861, 19.5581, 27.2987



20.5818, 19.5581, 5.9939

Rectangle

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



11.9124, 19.5581, 16.2439



12.8827, 19.5581, 37.5898



27.3861, 19.5581, 27.2987



25.7727, 19.5581, 10.5578

Sweetspot

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



11.9129, 19.5589, 16.2444



33.0844, 40.7905, 42.8643



10.5994, 19.1612, 3.5555



7.4067, 9.2910, 9.7033



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.



11.9129, 19.5589, 16.2444



20.5870, 34.6893, 26.8539



10.6269, 13.5283, 26.4782



5.1141, 5.6651, 6.1219



10.4198, 17.5005, 13.7674



0.0755, 0.1188, 0.1244

Inverse Universe

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



11.3596, 6.0253, 3.4709



19.6587, 10.0662, 4.0040



11.5232, 7.1130, 1.1813



5.0867, 5.0701, 5.5451



9.9458, 5.0884, 2.2190



0.0717, 0.0360, 0.0442

Previews

White Background



This preview shows how the XYZ color 11.9124, 19.5581, 16.2439 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 11.9124, 19.5581, 16.2439 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 11.9124, 19.5581, 16.2439

Background



This preview shows how black text looks on a background with the XYZ color 11.9124, 19.5581, 16.2439.



This preview shows how white text looks on a background with the XYZ color 11.9124, 19.5581,

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

11.9124, 19.5581, 16.2439

Protanopia

18.0020, 19.1864, 13.8209

Deuteranopia

19.6028, 19.2300, 17.1466



Tritanopia

14.7626, 19.6754, 29.8077

Trichromacy



Original Color

11.9124, 19.5581, 16.2439

Protanomaly

13.9018, 18.3654, 14.6166

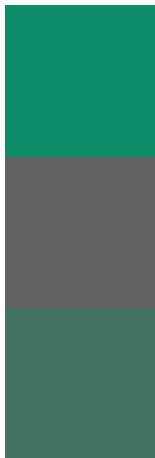
Deuteranomaly

14.5017, 18.0559, 16.6307

Tritanomaly

13.4931, 19.5601, 24.1834

Monochromacy



Original Color

11.9124, 19.5581, 16.2439

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.5201, 13.9236, 14.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9124, 19.5581, 16.2439 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, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 104)  
}
```

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, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.9124, 19.5581, 16.2439 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, 139, 104) }
```


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

```
.border{ border-color:rgb(14, 139, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9124, 19.5581, 16.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 139, 104) }
```

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

```
.background{ background-color: rgb(14, 139,  
104) }
```

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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