

Converting Colors

XYZ(11.8421, 19.2256, 10.2945)

Have a look what the booklet for
XYZ(11.8421, 19.2256, 10.2945)
contains.

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Color

**XYZ(11.8421, 19.2256,
10.2945)**

Conversions

Conversions Part 1

Format	Color
Hex	36894E
RGB	54, 137, 78
RGB Percent	21%, 54%, 31%
CMY	0.7882, 0.4627, 0.6941
CMYK	0.61, 0.00, 0.43, 0.46
HSL	137°, 43%, 37%
HSV	137°, 61%, 54%
XYZ	11.8421, 19.2256, 10.2945
YIQ	105.4570, -30.5290, -35.9450

Conversions

Conversions Part 2

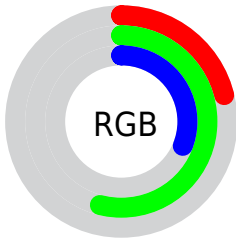
Format	Color
RYB	54, 118, 137
Decimal	3574094
CIELab	50.95, -38.85, 24.32
CIELCh	51, 45.834, 147.955
Yxy	19.2256, 0.2863, 0.4648
Android (android.graphics.Color)	4281764174 (0xFF36894E)
YUV	105.4570, -13.5363, -45.1278
Hunter-Lab	43.8470, -28.5234, 16.7727

Details

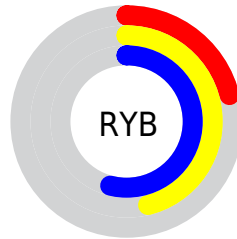
The XYZ color **11.8421, 19.2256, 10.2945** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.6169, 9.1493, 16.6189**, and the grayscale version is **13.5933, 14.3013, 15.5741**.

A 20% lighter version of the original color is **28.8338, 42.0713, 27.0230**, and **3.5885, 6.7599, 2.4822** is the 20% darker color. If you saturate the color by 10%, you get **10.8842, 18.7698, 8.5603**, and if you desaturate by 10%, it is **13.0598, 19.8105, 12.3117**.

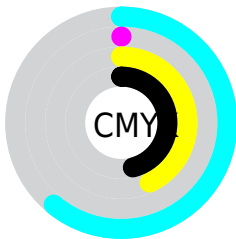
Distribution



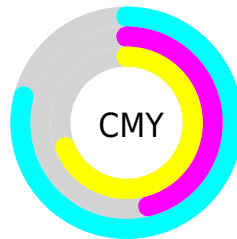
- Red (21%)
- Green (54%)
- Blue (31%)



- Red (21%)
- Yellow (46%)
- Blue (54%)



- Cyan (61%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (79%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8421, 19.2256, 10.2945 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 11.8421, 19.2256, 10.2945 by changing the saturation by 10% instead.

■ 11.8421, 19.2256,
10.2945

■ 11.8421, 19.2256,
10.2945

197.1485,
247.6914, 203.3218

■ 6.7077, 11.8334,
5.4865

■ 28.8266, 42.1150,
26.9644

■ 3.3247, 6.6303,
2.4718

■ 41.4073, 58.3809,
39.6634

■ 1.3277, 3.2320,
0.8251

■ 57.2009, 78.3736,
55.8298

■ 0.2038, 1.2540,
0.0000

■ 76.5726, 102.4774,
75.8821

■ 0.0000, 0.1052,
0.0000

■ 99.8879, 131.0766,
100.2390

■ 0.0000, 0.0000,
0.0000

■ 127.5121,

164.5558, 129.3188

159.8105,
203.2992, 163.5403

■ 11.8421, 19.2256,
10.2945

■ 11.8421, 19.2256,
10.2945

■ 10.8842, 18.7698,
8.5603

■ 13.0598, 19.8105,
12.3117

■ 10.1646, 18.4305,
7.0950

■ 14.5539, 20.5312,
14.6226

■ 9.6604, 18.1968,
5.8852

■ 16.3412, 21.3965,
17.2387

■ 9.3225, 18.0426,
4.9646

■ 18.4367, 22.4140,
20.1708

■ 20.8543, 23.5907,
23.4290

■ 23.6071, 24.9332,
27.0229

■ 26.7075, 26.4475,
30.9618

■ 30.1673, 28.1396,
35.2546

■ 33.9975, 30.0151,
39.9099

Harmonies

Analogous

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



14.4881, 19.2256, 5.7294



11.8421, 19.2256, 10.2945



10.8801, 19.2256, 20.0562

Triad

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



11.8421, 19.2256, 10.2945



17.9644, 19.2256, 57.0500



27.0937, 19.2256, 11.2848

Complementary

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



11.8421, 19.2256, 10.2945



14.6169, 9.1493, 16.6189

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.



28.4289, 19.2256, 21.8358



11.8421, 19.2256, 10.2945



22.6664, 19.2256, 51.5882

Square

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



11.8421, 19.2256, 10.2945



14.0320, 19.2256, 49.9818



26.6918, 19.2256, 37.1470



23.2933, 19.2256, 6.1127

Rectangle

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



11.8421, 19.2256, 10.2945



11.1790, 19.2256, 29.5998



26.6918, 19.2256, 37.1470



27.8707, 19.2256, 14.1489

Sweetspot

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



11.8426, 19.2264, 10.2949



33.9121, 40.5739, 37.3462



16.4846, 21.7014, 6.8101



7.3714, 8.9863, 8.0553



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.8426, 19.2264, 10.2949



18.9228, 33.3431, 14.2160



13.7983, 20.0087, 20.5935



5.0275, 5.6305, 5.6657



8.6883, 16.8079, 4.6492



0.0634, 0.1139, 0.0610

Inverse Universe

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



14.6169, 9.1493, 16.6189



24.3344, 13.5719, 26.4666



12.8053, 8.4247, 7.0795



5.1732, 5.1047, 6.0007



11.6418, 5.7668, 11.1499



0.0837, 0.0409, 0.1076

Previews

White Background



This preview shows how the XYZ color 11.8421, 19.2256, 10.2945 looks on a white background.

Color Contrast Check

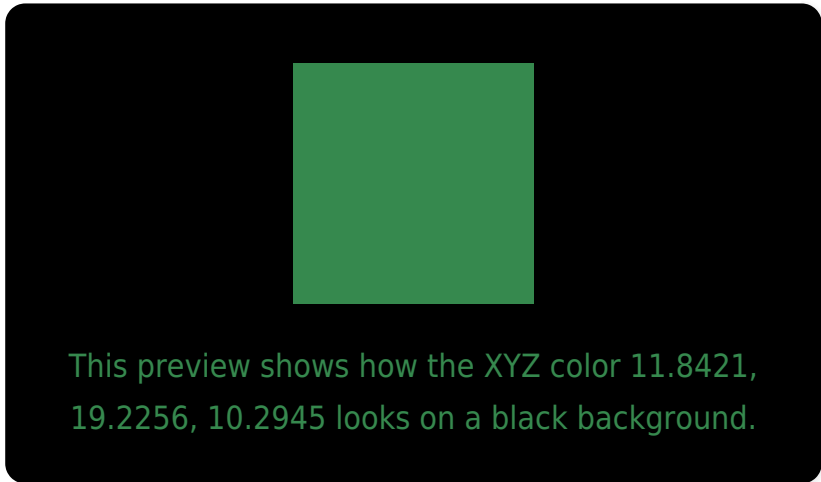
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 11.8421, 19.2256, 10.2945

Background



This preview shows how black text looks on a background with the XYZ color 11.8421, 19.2256, 10.2945.



This preview shows how white text looks on a background with the XYZ color 11.8421, 19.2256,

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

11.8421, 19.2256, 10.2945

Protanopia

17.5228, 19.0482, 8.8840

Deuteranopia

19.1937, 18.8153, 10.8037



Tritanopia

15.3887, 19.2364, 27.7129

Trichromacy



Original Color

11.8421, 19.2256, 10.2945

Protanomaly

14.5343, 18.6162, 9.3058

Deuteranomaly

15.1237, 18.1395, 10.4888

Tritanomaly

13.7784, 19.1832, 19.8062

Monochromacy



Original Color

11.8421, 19.2256, 10.2945

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.2646, 15.5272, 13.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8421, 19.2256, 10.2945 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(54, 137, 78)` looks like.

```
.text, #text, p{  
    color:rgb(54, 137, 78)  
}
```

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(54, 137, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 137, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.8421, 19.2256, 10.2945 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(54, 137, 78) }
```


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

```
.border{ border-color:rgb(54, 137, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 137, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 137, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 137, 78);  
box-shadow:4px 4px 4px 4px rgb(54, 137,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8421, 19.2256, 10.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 137, 78) }
```

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

```
.background{ background-color: rgb(54, 137,  
78) }
```

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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