

Converting Colors

XYZ(11.2655, 19.3804, 12.6137)

Have a look what the booklet for
XYZ(11.2655, 19.3804, 12.6137)
contains.

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Color

**XYZ(11.2169, 19.2799,
12.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8B59
RGB	14, 139, 89
RGB Percent	5%, 55%, 35%
CMY	0.9451, 0.4549, 0.6510
CMYK	0.90, 0.00, 0.36, 0.45
HSL	156°, 82%, 30%
HSV	156°, 90%, 55%
XYZ	11.2169, 19.2799, 12.5814
YIQ	95.9250, -58.4500, -42.0500

Conversions

Conversions Part 2

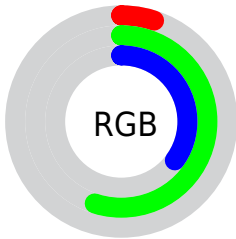
Format	Color
RYB	14, 92, 139
Decimal	953177
CIELab	51.01, -43.60, 18.13
CIELCh	51, 47.214, 157.424
Yxy	19.2799, 0.2604, 0.4476
Android (android.graphics.Color)	4279143257 (0xFF0E8B59)
YUV	95.9250, -3.4140, -71.8482
Hunter-Lab	43.9089, -31.2412, 13.7476

Details

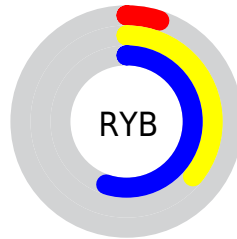
The XYZ color **11.2169, 19.2799, 12.5814** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.7306, 6.1736, 5.4248**, and the grayscale version is **11.1188, 11.6979, 12.7390**.

A 20% lighter version of the original color is **27.7897, 42.4261, 31.1505**, and **3.9258, 7.1539, 3.4594** is the 20% darker color. If you saturate the color by 10%, you get **10.8127, 19.0980, 11.3896**, and if you desaturate by 10%, it is **11.7550, 19.5298, 13.8724**.

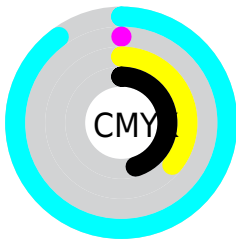
Distribution



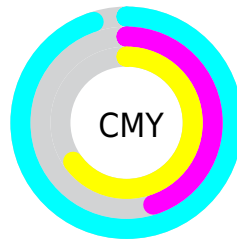
- Red (5%)
- Green (55%)
- Blue (35%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2169, 19.2799, 12.5814 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 11.2169, 19.2799, 12.5814 by changing the saturation by 10% instead.

■ 11.2169, 19.2799,
12.5814

■ 11.2169, 19.2799,
12.5814

193.0273,
247.9896, 219.3300

■ 6.2813, 11.8727,
7.0136

■ 27.6900, 42.2065,
31.2298

■ 3.0591, 6.6571,
3.3920

■ 39.9581, 58.4948,
45.1474

■ 1.1851, 3.2486,
1.2981

■ 55.4012, 78.5121,
62.6854

■ 0.0946, 1.2628,
0.0603

■ 74.3845, 102.6430,
84.2624

■ 0.0000, 0.1122,
0.0000

■ 97.2734, 131.2718,
110.2967

■ 0.0000, 0.0000,
0.0000

■ 124.4333,

164.7829, 141.2071

156.2295,
203.5607, 177.4120

■ 11.2169, 19.2799,
12.5814

■ 11.2169, 19.2799,
12.5814

■ 10.8127, 19.0980,
11.3896

■ 11.7550, 19.5298,
13.8724

■ 10.8098, 19.0967,
11.3810

■ 12.4861, 19.8766,
15.2661

■ 13.4325, 20.3323,
16.7658

■ 14.6131, 20.9065,
18.3743

■ 16.0444, 21.6078,
20.0941

■ 17.7416, 22.4439,
21.9277

■ 19.7185, 23.4219,
23.8774

■ 21.9879, 24.5484,
25.9455

■ 24.5618, 25.8296,
28.1342

Harmonies

Analogous

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



13.3886, 19.2799, 6.4698



11.2169, 19.2799, 12.5814



10.7806, 19.2799, 24.4963

Triad

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



11.2169, 19.2799, 12.5814



19.5107, 19.2799, 58.2497



26.4278, 19.2799, 8.9154

Complementary

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



11.2169, 19.2799, 12.5814



11.7306, 6.1736, 5.4248

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.



28.7580, 19.2799, 17.8399



11.2169, 19.2799, 12.5814



24.3462, 19.2799, 48.7807

Square

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



11.2169, 19.2799, 12.5814



15.0871, 19.2799, 54.8498



27.9377, 19.2799, 32.5037



21.9958, 19.2799, 5.0681

Rectangle

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



11.2169, 19.2799, 12.5814



11.4501, 19.2799, 35.2161



27.9377, 19.2799, 32.5037



27.5144, 19.2799, 11.2306

Sweetspot

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



11.2174, 19.2807, 12.5818



32.5527, 40.5778, 40.0645



11.5649, 19.6590, 3.6007



7.2729, 9.2375, 8.9986



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.



11.2174, 19.2807, 12.5818



19.2743, 34.1642, 19.9414



12.6374, 17.5492, 27.1483



5.0895, 5.6553, 5.9924



9.7645, 17.2384, 10.3167



0.0721, 0.1174, 0.1067

Inverse Universe

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



11.7306, 6.1736, 5.4248



20.2513, 10.3032, 7.1249



11.0626, 6.1917, 1.0277



5.1104, 5.0796, 5.6696



10.2534, 5.2115, 3.8388



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 11.2169, 19.2799, 12.5814 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 11.2169, 19.2799, 12.5814 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 11.2169, 19.2799, 12.5814

Background



This preview shows how black text looks on a background with the XYZ color 11.2169, 19.2799, 12.5814.



This preview shows how white text looks on a background with the XYZ color 11.2169, 19.2799,

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

11.2169, 19.2799, 12.5814

Protanopia

17.6826, 19.0941, 10.5381

Deuteranopia

19.2503, 18.9617, 13.2350



Tritanopia

14.5246, 19.1638, 28.9201

Trichromacy



Original Color

11.2169, 19.2799, 12.5814

Protanomaly

13.3439, 18.1531, 11.1881

Deuteranomaly

13.8587, 17.6209, 12.7960

Tritanomaly

13.0021, 19.1513, 21.7502

Monochromacy



Original Color

11.2169, 19.2799, 12.5814

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.0167, 13.5369, 12.4409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2169, 19.2799, 12.5814 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(14, 139, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 139, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.2169, 19.2799, 12.5814 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, 89) }
```


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

```
.border{ border-color:rgb(14, 139, 89) }
```

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, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 139, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 139, 89);  
box-shadow:4px 4px 4px 4px rgb(14, 139,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2169, 19.2799, 12.5814 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, 89) }
```

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

```
.background{ background-color: rgb(14, 139,  
89) }
```

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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