

Converting Colors

XYZ(8.9486, 16.8908, 3.8936)

Have a look what the booklet for
XYZ(8.9486, 16.8908, 3.8936)
contains.

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Color

**XYZ(8.9129, 16.8194,
3.8753)**

Conversions

Conversions Part 1

Format	Color
Hex	1B841C
RGB	27, 132, 28
RGB Percent	11%, 52%, 11%
CMY	0.8941, 0.4823, 0.8902
CMYK	0.80, 0.00, 0.79, 0.48
HSL	121°, 66%, 31%
HSV	121°, 80%, 52%
XYZ	8.9129, 16.8194, 3.8753
YIQ	88.7490, -29.1960, -54.6040

Conversions

Conversions Part 2

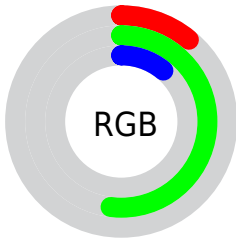
Format	Color
RYB	27, 131, 132
Decimal	1803292
CIELab	48.03, -48.84, 44.61
CIELCh	48, 66.148, 137.590
Yxy	16.8194, 0.3010, 0.5681
Android (android.graphics.Color)	4279993372 (0xFF1B841C)
YUV	88.7490, -29.9493, -54.1539
Hunter-Lab	41.0115, -32.9772, 23.1055

Details

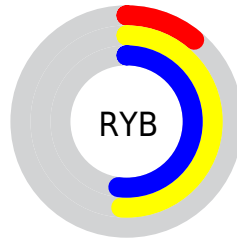
The XYZ color **8.9129, 16.8194, 3.8753** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.0049, 7.3284, 22.1493**, and the grayscale version is **9.5092, 10.0044, 10.8948**.

A 20% lighter version of the original color is **23.3213, 37.9211, 13.6798**, and **2.9424, 5.8849, 0.9808** is the 20% darker color. If you saturate the color by 10%, you get **8.5154, 16.6293, 3.2103**, and if you desaturate by 10%, it is **9.5362, 17.1190, 4.9067**.

Distribution



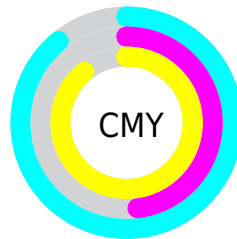
- Red (11%)
- Green (52%)
- Blue (11%)



- Red (11%)
- Yellow (51%)
- Blue (52%)



- Cyan (80%)
- Magenta (0%)
- Yellow (79%)
- Black (48%)





- Cyan (89%)
- Magenta (48%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.9129, 16.8194, 3.8753 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 8.9129, 16.8194, 3.8753 by changing the saturation by 10% instead.


 8.9129, 16.8194,
3.8753


 8.9129, 16.8194,
3.8753


176.9476,
234.1295, 146.8291


 4.7411, 10.1058,
1.5572


 23.3983, 38.0150,
13.7211


 2.1293, 5.4692,
0.2600

 34.4426, 53.2658,
22.0859


 0.7051, 2.5251,
0.0000

 48.5084, 72.1311,
33.3034

 0.0000, 0.8892,
0.0000


 65.9610, 94.9954,
47.7920


 0.0000, 0.0000,
0.0000


 87.1659, 122.2429,
65.9703


 112.4884,


154.2582, 88.2569


 142.2939,
191.4256, 115.0703


 8.9129, 16.8194,
3.8753


 8.9129, 16.8194,
3.8753


 8.5154, 16.6293,
3.2103


 9.5362, 17.1190,
4.9067

 8.2693, 16.5111,
2.8044

 10.4105, 17.5388,
6.3455

 8.2585, 16.5060,
2.7869

 11.5591, 18.0905,
8.2285

 13.0024, 18.7838,
10.5882

 14.7586, 19.6275,
13.4539

■ 16.8446, 20.6298,
16.8527

■ 19.2762, 21.7983,
20.8097

■ 22.0680, 23.1399,
25.3484

■ 25.2337, 24.6614,
30.4909

Harmonies

Analogous

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



12.7582, 16.8194, 1.4444



8.9129, 16.8194, 3.8753



7.1833, 16.8194, 12.1111

Triad

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



8.9129, 16.8194, 3.8753



13.6413, 16.8194, 72.9449



29.6368, 16.8194, 10.0579

Complementary

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



8.9129, 16.8194, 3.8753



14.0049, 7.3284, 22.1493

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.



30.0445, 16.8194, 26.3376



8.9129, 16.8194, 3.8753



19.7176, 16.8194, 71.0269

Square

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



8.9129, 16.8194, 3.8753



9.4199, 16.8194, 54.9563



26.0633, 16.8194, 50.6942



25.0588, 16.8194, 3.1752

Rectangle

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



8.9129, 16.8194, 3.8753



7.0853, 16.8194, 23.0148



26.0633, 16.8194, 50.6942



30.3008, 16.8194, 14.3004

Sweetspot

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



8.9133, 16.8201, 3.8757



27.7621, 35.4209, 26.5764



17.9656, 21.4881, 4.2378



6.2068, 8.1234, 5.7691



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



8.9133, 16.8201, 3.8757



14.6968, 29.1464, 5.1410



10.1333, 17.3081, 10.3001



4.6180, 5.2054, 4.9994



7.9961, 15.9813, 2.6989



0.0278, 0.0554, 0.0099

Inverse Universe

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



14.0049, 7.3284, 22.1493



24.0444, 11.7024, 38.6761



11.3377, 6.2615, 8.1044



4.8560, 4.7621, 5.8542



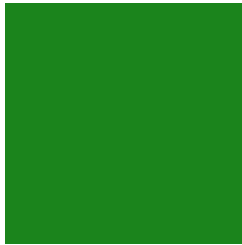
13.1634, 6.3297, 21.2304



0.0458, 0.0220, 0.0744

Previews

White Background



This preview shows how the XYZ color 8.9129, 16.8194, 3.8753 looks on a white background.

Color Contrast Check

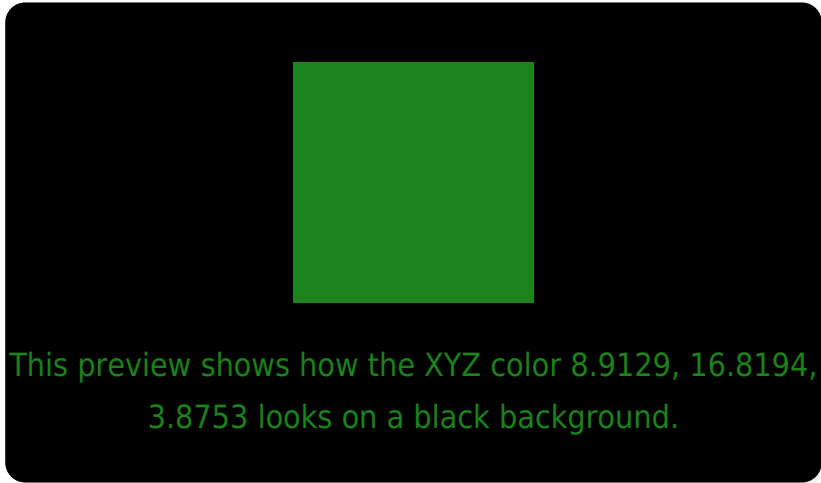
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 8.9129, 16.8194, 3.8753

Background



This preview shows how black text looks on a background with the XYZ color 8.9129, 16.8194, 3.8753.



This preview shows how white text looks on a background with the XYZ color 8.9129, 16.8194,

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

8.9129, 16.8194, 3.8753

Protanopia

15.0741, 16.6857, 3.2368

Deuteranopia

16.8841, 16.6224, 4.2380



Tritanopia

13.1801, 16.8200, 24.7422

Trichromacy



Original Color

8.9129, 16.8194, 3.8753

Protanomaly

11.3272, 15.9691, 3.4050

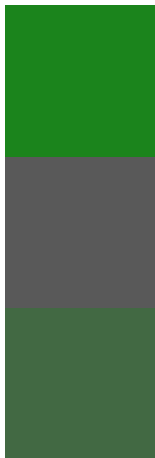
Deuteranomaly

11.9202, 15.5533, 3.9639

Tritanomaly

10.7453, 16.3763, 13.4211

Monochromacy



Original Color

8.9129, 16.8194, 3.8753

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

8.3115, 11.6666, 7.1240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.9129, 16.8194, 3.8753 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(27, 132, 28)` looks like.

```
.text, #text, p{  
    color:rgb(27, 132, 28)  
}
```

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(27, 132, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 132, 28) }
```

Border

The CSS property to change the border of an element to XYZ 8.9129, 16.8194, 3.8753 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(27, 132, 28) }
```


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

```
.border{ border-color:rgb(27, 132, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 132, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 132, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 132, 28);  
box-shadow:4px 4px 4px 4px rgb(27, 132,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 8.9129, 16.8194, 3.8753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 132, 28) }
```

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

```
.background{ background-color: rgb(27, 132,  
28) }
```

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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