

Converting Colors

XYZ(9.3486, 17.3833, 5.8492)

Have a look what the booklet for
XYZ(9.3486, 17.3833, 5.8492)
contains.

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Color

**XYZ(9.3694, 17.4189,
5.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	138632
RGB	19, 134, 50
RGB Percent	7%, 53%, 20%
CMY	0.9255, 0.4745, 0.8039
CMYK	0.86, 0.00, 0.63, 0.47
HSL	136°, 75%, 30%
HSV	136°, 86%, 53%
XYZ	9.3694, 17.4189, 5.8860
YIQ	90.0390, -41.5760, -50.5040

Conversions

Conversions Part 2

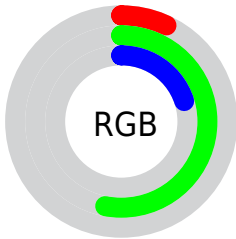
Format	Color
RYB	19, 110, 134
Decimal	1279538
CIELab	48.78, -48.27, 36.07
CIELCh	49, 60.257, 143.226
Yxy	17.4189, 0.2868, 0.5331
Android (android.graphics.Color)	4279469618 (0xFF138632)
YUV	90.0390, -19.7392, -62.3012
Hunter-Lab	41.7360, -32.9660, 20.8535

Details

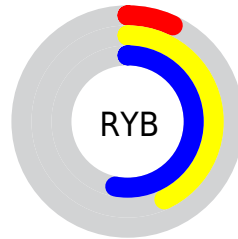
The XYZ color **9.3694, 17.4189, 5.8860** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.5132, 6.5137, 13.4306**, and the grayscale version is **9.7771, 10.2863, 11.2017**.

A 20% lighter version of the original color is **24.1658, 38.8935, 18.0379**, and **3.0933, 6.1865, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **8.9822, 17.2416, 4.8812**, and if you desaturate by 10%, it is **9.9438, 17.6884, 7.1361**.

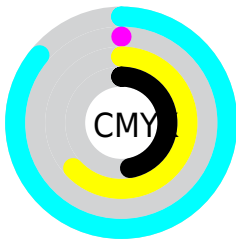
Distribution



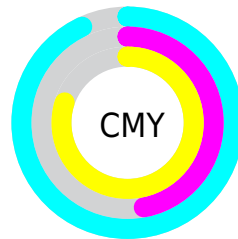
- Red (7%)
- Green (53%)
- Blue (20%)



- Red (7%)
- Yellow (43%)
- Blue (53%)



- Cyan (86%)
- Magenta (0%)
- Yellow (63%)
- Black (47%)





- Cyan (93%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.3694, 17.4189, 5.8860 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 9.3694, 17.4189, 5.8860 by changing the saturation by 10% instead.


 9.3694, 17.4189,
5.8860


 9.3694, 17.4189,
5.8860


180.2595,
237.5749, 167.3200


 5.0419, 10.5336,
2.7082


 24.2630, 39.0446,
18.1674


 2.3069, 5.7542,
0.9476

 35.5599, 54.5538,
28.1081


 0.7982, 2.6962,
0.0000

 49.9107, 73.7065,
41.1401

 0.0000, 0.9753,
0.0000

 67.6806, 96.8869,
57.6821

 0.0000, 0.0000,
0.0000

 89.2351, 124.4796,
78.1525

 114.9395,

156.8689, 102.9700

145.1592,
194.4392, 132.5529

■ 9.3694, 17.4189,
5.8860

■ 9.3694, 17.4189,
5.8860

■ 8.9822, 17.2416,
4.8812

■ 9.9438, 17.6884,
7.1361

■ 8.8457, 17.1789,
4.5285

■ 10.7356, 18.0640,
8.6458

■ 11.7659, 18.5568,
10.4290

■ 13.0529, 19.1758,
12.4987

■ 14.6130, 19.9292,
14.8666

■ 16.4612, 20.8247,
17.5442

■ 18.6114, 21.8690,
20.5419

■ 21.0765, 23.0687,
23.8701

■ 23.8687, 24.4298,
27.5383

Harmonies

Analogous

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



12.6788, 17.4189, 2.4317



9.3694, 17.4189, 5.8860



8.0307, 17.4189, 15.5712

Triad

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



9.3694, 17.4189, 5.8860



15.3239, 17.4189, 68.6927



28.4878, 17.4189, 9.2538

Complementary

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



9.3694, 17.4189, 5.8860



12.5132, 6.5137, 13.4306

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.



29.6429, 17.4189, 22.8220



9.3694, 17.4189, 5.8860



21.1528, 17.4189, 63.4692

Square

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



9.3694, 17.4189, 5.8860



10.9329, 17.4189, 55.7088



26.7108, 17.4189, 43.9160



23.8371, 17.4189, 3.4733

Rectangle

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



9.3694, 17.4189, 5.8860



8.1607, 17.4189, 26.8918



26.7108, 17.4189, 43.9160



29.3351, 17.4189, 12.7743

Sweetspot

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



9.3698, 17.4196, 5.8864



28.7384, 36.5618, 30.5350



14.2751, 20.0013, 3.7245



6.2519, 8.1291, 6.5605



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.



9.3698, 17.4196, 5.8864



15.5283, 30.2439, 7.6813



11.4568, 18.2544, 16.8763



4.6641, 5.2239, 5.2422



8.2935, 16.1003, 4.2650



0.0314, 0.0569, 0.0291

Inverse Universe

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



12.5132, 6.5137, 13.4306



21.1307, 10.4533, 20.8661



10.5547, 5.7304, 3.1177



4.8057, 4.7420, 5.5894



11.2789, 5.5759, 11.3068



0.0421, 0.0205, 0.0552

Previews

White Background



This preview shows how the XYZ color 9.3694, 17.4189, 5.8860 looks on a white background.

Color Contrast Check

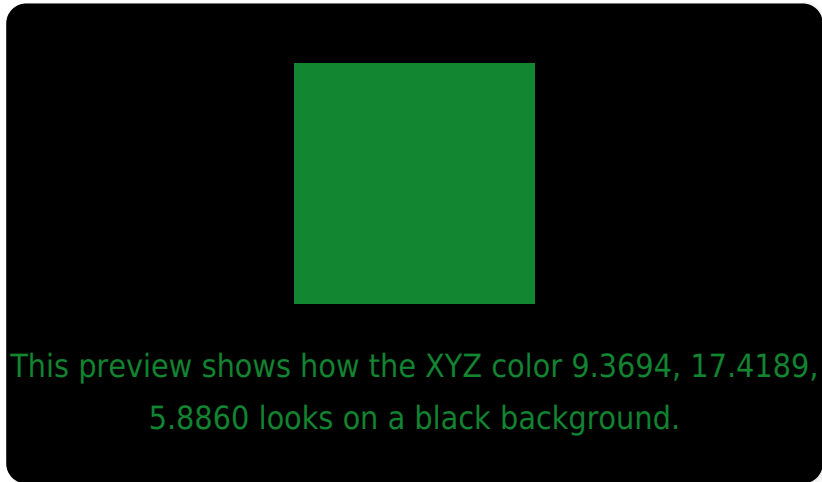
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.3694, 17.4189, 5.8860

Background



This preview shows how black text looks on a background with the XYZ color 9.3694, 17.4189, 5.8860.



This preview shows how white text looks on a background with the XYZ color 9.3694, 17.4189,

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

9.3694, 17.4189, 5.8860

Protanopia

15.6576, 17.1181, 4.9615

Deuteranopia

17.4698, 17.1981, 6.2697



Tritanopia

13.5357, 17.5400, 25.9647

Trichromacy



Original Color

9.3694, 17.4189, 5.8860



Protanomaly

11.5924, 16.2482, 5.2145



Deuteranomaly

12.1924, 16.0014, 5.9360



Tritanomaly

11.3963, 17.2340, 16.0905

Monochromacy



Original Color

9.3694, 17.4189, 5.8860



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

8.5384, 11.9061, 8.5047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3694, 17.4189, 5.8860 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(19, 134, 50)` looks like.

```
.text, #text, p{  
    color:rgb(19, 134, 50)  
}
```

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(19, 134, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 134, 50) }
```

Border

The CSS property to change the border of an element to XYZ 9.3694, 17.4189, 5.8860 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(19, 134, 50) }
```


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

```
.border{ border-color:rgb(19, 134, 50) }
```

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

Here you see how a box with a 4 pixel rgb(19, 134, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 134, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 134, 50);  
box-shadow:4px 4px 4px 4px rgb(19, 134,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3694, 17.4189, 5.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 134, 50) }
```

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

```
.background{ background-color: rgb(19, 134,  
50) }
```

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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