

Converting Colors

XYZ(10.8431, 15.3509, 3.2433)

Have a look what the booklet for
XYZ(10.8431, 15.3509, 3.2433)
contains.

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Color

**XYZ(10.8815, 15.3834,
3.2599)**

Conversions

Conversions Part 1

Format	Color
Hex	597718
RGB	89, 119, 24
RGB Percent	35%, 47%, 9%
CMY	0.6510, 0.5333, 0.9059
CMYK	0.25, 0.00, 0.80, 0.53
HSL	79°, 66%, 28%
HSV	79°, 80%, 47%
XYZ	10.8815, 15.3834, 3.2599
YIQ	99.2000, 12.6150, -35.9050

Conversions

Conversions Part 2

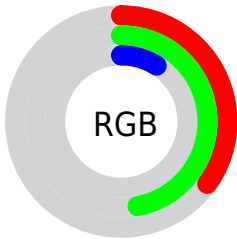
Format	Color
R_{YB}	24, 119, 54
Decimal	5863192
CIE _{Lab}	46.15, -25.13, 45.06
CIE _{LCh}	46, 51.592, 119.143
Yxy	15.3834, 0.3686, 0.5210
Android (android.graphics.Color)	4284053272 (0xFF597718)
YUV	99.2000, -37.0736, -8.9454
Hunter-Lab	39.2217, -19.1156, 22.5273

Details

The XYZ color **10.8815, 15.3834, 3.2599** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.1783, 2.7698, 17.7153**, and the grayscale version is **11.9990, 12.6239, 13.7474**.

A 20% lighter version of the original color is **27.0227, 35.3984, 12.2458**, and **3.0652, 4.8314, 0.7710** is the 20% darker color. If you saturate the color by 10%, you get **10.4324, 15.1637, 2.7282**, and if you desaturate by 10%, it is **11.4039, 15.6356, 4.0783**.

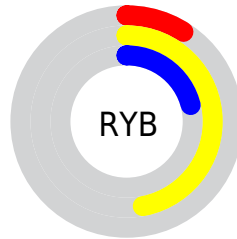
Distribution



 Red (35%)

 Green (47%)

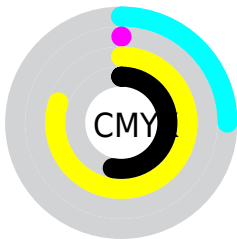
 Blue (9%)



 Red (9%)

 Yellow (47%)

 Blue (21%)

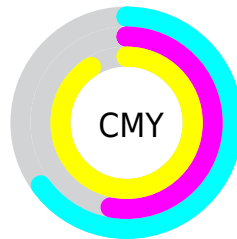


 Cyan (25%)

 Magenta (0%)

 Yellow (80%)

 Black (53%)



 Cyan (65%)

 Magenta (53%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8815, 15.3834, 3.2599 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 10.8815, 15.3834, 3.2599 by changing the saturation by 10% instead.

■ 10.8815, 15.3834,
3.2599

■ 10.8815, 15.3834,
3.2599

190.7779,
225.6753, 139.6050

■ 6.0539, 9.0889,
1.2288

■ 27.0757, 35.5244,
12.2633

■ 2.9189, 4.7992,
0.0024

■ 39.1731, 50.1397,
20.0727

■ 1.1110, 2.1299,
0.0000

■ 54.4244, 68.2973,
30.6453

■ 0.0343, 0.6814,
0.0000

■ 73.1950, 90.3818,
44.3996

■ 0.0000, 0.0000,
0.0000

■ 95.8503, 116.7774,
61.7542

■ 122.7557,

147.8686, 83.1276

154.2764,
184.0397, 108.9383

10.8815, 15.3834,
3.2599

10.8815, 15.3834,
3.2599

10.4324, 15.1637,
2.7282

11.4039, 15.6356,
4.0783

10.0331, 14.9655,
2.3656

12.0050, 15.9210,
5.2155

10.0265, 14.9622,
2.3595

12.6909, 16.2424,
6.7003

13.4668, 16.6021,
8.5582

14.3371, 17.0017,
10.8122

■ 15.3061, 17.4432,
13.4834

■ 16.3779, 17.9280,
16.5915

■ 17.5562, 18.4578,
20.1549

■ 18.8444, 19.0339,
24.1910

Harmonies

Analogous

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



14.7481, 15.3834, 2.3365



10.8815, 15.3834, 3.2599



8.5027, 15.3834, 7.1537

Triad

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



10.8815, 15.3834, 3.2599



10.7028, 15.3834, 47.2828



24.7983, 15.3834, 17.1143

Complementary

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



10.8815, 15.3834, 3.2599



5.1783, 2.7698, 17.7153

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.



23.1377, 15.3834, 32.4737



10.8815, 15.3834, 3.2599



14.4955, 15.3834, 54.4516

Square

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



10.8815, 15.3834, 3.2599



8.4150, 15.3834, 31.5093



19.1330, 15.3834, 48.0091



23.3097, 15.3834, 7.5149

Rectangle

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



10.8815, 15.3834, 3.2599



7.7956, 15.3834, 12.5940



19.1330, 15.3834, 48.0091



24.5853, 15.3834, 21.7322

Sweetspot

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



10.8819, 15.3841, 3.2602



26.5558, 30.8471, 21.7620



9.0236, 6.4892, 1.6413



6.1748, 7.2564, 4.8327



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.8819, 15.3841, 3.2602



18.0789, 26.8524, 4.4088



7.7584, 13.7739, 3.1141



3.8595, 4.2111, 3.9517



10.6420, 15.8905, 2.5063



50.9440, 76.9643, 12.1706

Inverse Universe

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



5.1783, 2.7698, 17.7153



7.5187, 3.2875, 31.4913



8.9125, 4.6949, 17.8901



3.5994, 3.6408, 4.6033



4.3614, 1.8397, 18.6678



20.4577, 8.5549, 90.9333

Previews

White Background



This preview shows how the XYZ color 10.8815, 15.3834, 3.2599 looks on a white background.

Color Contrast Check

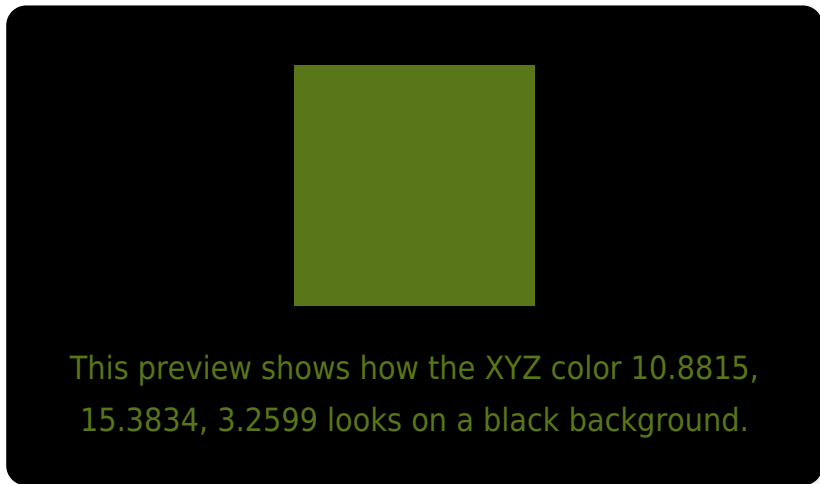
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8815, 15.3834, 3.2599

Background



This preview shows how black text looks on a background with the XYZ color 10.8815, 15.3834, 3.2599.



This preview shows how white text looks on a background with the XYZ color 10.8815, 15.3834,

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

10.8815, 15.3834, 3.2599

Protanopia

13.7724, 15.2024, 2.9179

Deuteranopia

15.5276, 15.3233, 3.5058



Tritanopia

14.2202, 15.3776, 19.9880

Trichromacy



Original Color

10.8815, 15.3834, 3.2599

Protanomaly

12.6055, 15.2477, 3.0378

Deuteranomaly

13.4361, 15.0191, 3.3532

Tritanomaly

12.3763, 15.1234, 10.8611

Monochromacy



Original Color

10.8815, 15.3834, 3.2599

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.0430, 13.2088, 8.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8815, 15.3834, 3.2599 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(89, 119, 24)` looks like.

```
.text, #text, p{  
    color:rgb(89, 119, 24)  
}
```

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(89, 119, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 119, 24) }
```

Border

The CSS property to change the border of an element to XYZ 10.8815, 15.3834, 3.2599 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(89, 119, 24) }
```


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

```
.border{ border-color:rgb(89, 119, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 119, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 119, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 119, 24);  
box-shadow:4px 4px 4px 4px rgb(89, 119,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8815, 15.3834, 3.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 119, 24) }
```

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

```
.background{ background-color: rgb(89, 119,  
24) }
```

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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