

Converting Colors

XYZ(11.8971, 17.4877, 3.1647)

Have a look what the booklet for
XYZ(11.8971, 17.4877, 3.1647)
contains.

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Color

**XYZ(11.9183, 17.5939,
3.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	59800E
RGB	89, 128, 14
RGB Percent	35%, 50%, 5%
CMY	0.6510, 0.4980, 0.9451
CMYK	0.30, 0.00, 0.89, 0.50
HSL	81°, 80%, 28%
HSV	81°, 89%, 50%
XYZ	11.9183, 17.5939, 3.1833
YIQ	103.3430, 13.3500, -43.7220

Conversions

Conversions Part 2

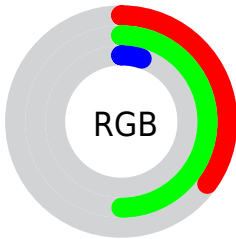
Format	Color
R_{YB}	14, 128, 53
Decimal	5865486
CIE _{Lab}	49.00, -29.91, 50.46
CIE _{LCh}	49, 58.655, 120.659
Yxy	17.5939, 0.3645, 0.5381
Android (android.graphics.Color)	4284055566 (0xFF59800E)
YUV	103.3430, -44.0461, -12.5788
Hunter-Lab	41.9451, -22.6848, 24.8619

Details

The XYZ color **11.9183, 17.5939, 3.1833** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.5224, 2.6301, 20.6397**, and the grayscale version is **13.0945, 13.7764, 15.0025**.

A 20% lighter version of the original color is **28.9889, 39.3423, 12.0272**, and **3.5237, 5.8608, 0.9455** is the 20% darker color. If you saturate the color by 10%, you get **11.4381, 17.3553, 2.7817**, and if you desaturate by 10%, it is **12.4679, 17.8644, 3.8164**.

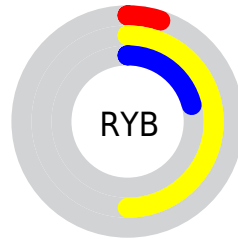
Distribution



Red (35%)

Green (50%)

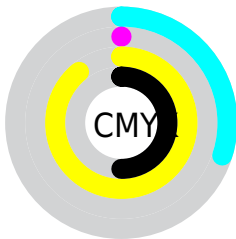
Blue (5%)



Red (5%)

Yellow (50%)

Blue (21%)

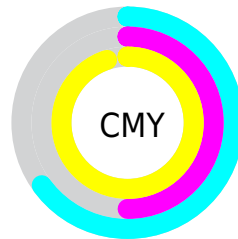


Cyan (30%)

Magenta (0%)

Yellow (89%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9183, 17.5939, 3.1833 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 11.9183, 17.5939, 3.1833 by changing the saturation by 10% instead.

■ 11.9183, 17.5939,
3.1833

■ 11.9183, 17.5939,
3.1833

197.6446,
238.5720, 138.6620

■ 6.7599, 10.6588,
1.1890

■ 28.9644, 39.3441,
12.0775

■ 3.3574, 5.8379,
0.0000

■ 41.5827, 54.9280,
19.8144

■ 1.3454, 2.7468,
0.0000

■ 57.4184, 74.1637,
30.3027

■ 0.2168, 1.0010,
0.0000


■ 76.8368, 97.4355,
43.9607


■ 0.0000, 0.0000,
0.0000


■ 100.2033,
125.1279, 61.2071


■ 127.8832,


157.6251, 82.4605


 160.2418,
195.3117, 108.1393


 11.9183, 17.5939,
3.1833


 11.9183, 17.5939,
3.1833


 11.4381, 17.3553,
2.7817


 12.4679, 17.8644,
3.8164

 11.3943, 17.3335,
2.7452

 13.1070, 18.1729,
4.7897

 13.8439, 18.5236,
6.1431

 14.6854, 18.9192,
7.9106

 15.6377, 19.3622,
10.1226

■ 16.7064, 19.8548,
12.8064

■ 17.8967, 20.3992,
15.9873

■ 19.2133, 20.9974,
19.6886

■ 20.6608, 21.6512,
23.9325

Harmonies

Analogous

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



16.6020, 17.5939, 2.0746



11.9183, 17.5939, 3.1833



9.1363, 17.5939, 7.8746

Triad

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



11.9183, 17.5939, 3.1833



12.0859, 17.5939, 59.1591



29.5764, 17.5939, 18.8131

Complementary

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



11.9183, 17.5939, 3.1833



5.5224, 2.6301, 20.6397

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.



27.6503, 17.5939, 37.9990



11.9183, 17.5939, 3.1833



16.8435, 17.5939, 67.7204

Square

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



11.9183, 17.5939, 3.1833



9.2172, 17.5939, 38.9523



22.6701, 17.5939, 58.4290



27.4818, 17.5939, 7.5481

Rectangle

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



11.9183, 17.5939, 3.1833



8.3525, 17.5939, 14.6775



22.6701, 17.5939, 58.4290



29.3742, 17.5939, 24.4656

Sweetspot

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



11.9187, 17.5947, 3.1837



29.7003, 35.0877, 23.2956



10.2101, 7.0777, 1.2437



6.8228, 8.1549, 5.1145



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.9187, 17.5947, 3.1837



19.9024, 30.4353, 4.8256



8.4263, 15.7943, 3.0202



4.5269, 4.9481, 4.6366



11.2992, 17.1874, 2.7220



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.5224, 2.6301, 20.6397



8.5309, 3.6054, 36.2026



10.3607, 5.1243, 20.8661



4.2368, 4.2777, 5.4156



4.8860, 2.0725, 20.3925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.9183, 17.5939, 3.1833 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



This preview shows how the XYZ color 11.9183, 17.5939, 3.1833 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 11.9183, 17.5939, 3.1833

Background



This preview shows how black text looks on a background with the XYZ color 11.9183, 17.5939, 3.1833.



This preview shows how white text looks on a background with the XYZ color 11.9183, 17.5939,

3.1833.

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

11.9183, 17.5939, 3.1833

Protanopia

15.6548, 17.3358, 2.7795

Deuteranopia

17.6278, 17.3420, 3.4552



Tritanopia

15.9261, 17.5453, 23.3161

Trichromacy



Original Color

11.9183, 17.5939, 3.1833

Protanomaly

13.9793, 17.1701, 2.8940

Deuteranomaly

14.9636, 17.1405, 3.2788

Tritanomaly

13.6096, 17.1486, 11.6095

Monochromacy



Original Color

11.9183, 17.5939, 3.1833

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.9685, 14.6399, 8.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9183, 17.5939, 3.1833 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, 128, 14)` looks like.

```
.text, #text, p{  
    color:rgb(89, 128, 14)  
}
```

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, 128, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 128, 14) }
```

Border

The CSS property to change the border of an element to XYZ 11.9183, 17.5939, 3.1833 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, 128, 14) }
```


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

```
.border{ border-color:rgb(89, 128, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 128, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 128, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 128, 14);  
box-shadow:4px 4px 4px 4px rgb(89, 128,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9183, 17.5939, 3.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 128, 14) }
```

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

```
.background{ background-color: rgb(89, 128,  
14) }
```

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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