

Converting Colors

XYZ(11.1467, 17.3360, 3.0817)

Have a look what the booklet for
XYZ(11.1467, 17.3360, 3.0817)
contains.

XYZ(11.2189, 17.4301, 3.0897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(11.2189, 17.4301,
3.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	50810B
RGB	80, 129, 11
RGB Percent	31%, 51%, 4%
CMY	0.6863, 0.4941, 0.9568
CMYK	0.38, 0.00, 0.91, 0.49
HSL	85°, 84%, 27%
HSV	85°, 91%, 51%
XYZ	11.2189, 17.4301, 3.0897
YIQ	100.8970, 8.6740, -47.0860

Conversions

Conversions Part 2

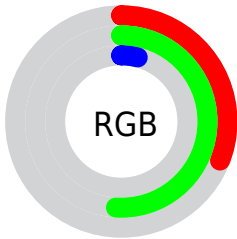
Format	Color
R _Y B	11, 129, 60
Decimal	5275915
CIE Lab	48.80, -34.03, 50.72
CIE LCh	49, 61.077, 123.862
Yxy	17.4301, 0.3535, 0.5492
Android (android.graphics.Color)	4283465995 (0xFF50810B)
YUV	100.8970, -44.3192, -18.3267
Hunter-Lab	41.7494, -25.0948, 24.8367

Details

The XYZ color **11.2189, 17.4301, 3.0897** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.9467, 2.7857, 20.9941**, and the grayscale version is **12.4529, 13.1014, 14.2674**.

A 20% lighter version of the original color is **27.6650, 38.9664, 11.8575**, and **3.2220, 5.8116, 0.9519** is the 20% darker color. If you saturate the color by 10%, you get **10.7858, 17.2144, 2.7542**, and if you desaturate by 10%, it is **11.7934, 17.7148, 3.6570**.

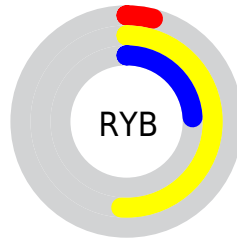
Distribution



Red (31%)

Green (51%)

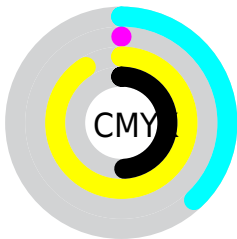
Blue (4%)



Red (4%)

Yellow (51%)

Blue (24%)

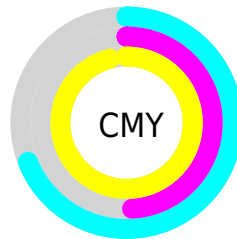


Cyan (38%)

Magenta (0%)

Yellow (91%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2189, 17.4301, 3.0897 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 11.2189, 17.4301, 3.0897 by changing the saturation by 10% instead.

■ 11.2189, 17.4301,
3.0897

■ 11.2189, 17.4301,
3.0897

193.0407,
237.6389, 137.4950

■ 6.2826, 10.5416,
1.1406

■ 27.6936, 39.0638,
11.8490

■ 3.0600, 5.7595,
0.0000

■ 39.9628, 54.5778,
19.4963

■ 1.1856, 2.6994,
0.0000

■ 55.4070, 73.7358,
29.8800

■ 0.0949, 0.9769,
0.0000


■ 74.3916, 96.9221,
43.4188


■ 0.0000, 0.0000,
0.0000


■ 97.2819, 124.5212,
60.5312


■ 124.4432,


156.9174, 81.6356


 156.2411,
194.4952, 107.1507


 11.2189, 17.4301,
3.0897


 11.2189, 17.4301,
3.0897


 10.7858, 17.2144,
2.7542

 11.7934, 17.7148,
3.6570

 12.4679, 18.0433,
4.5603

 13.2516, 18.4197,
5.8419

 14.1521, 18.8473,
7.5378

 15.1760, 19.3289,
9.6797

■ 16.3297, 19.8669,
12.2961

■ 17.6187, 20.4637,
15.4134

■ 19.0483, 21.1216,
19.0558

■ 20.6235, 21.8425,
23.2461

Harmonies

Analogous

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



15.8455, 17.4301, 1.7823



11.2189, 17.4301, 3.0897



8.5999, 17.4301, 8.3035

Triad

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



11.2189, 17.4301, 3.0897



12.2253, 17.4301, 62.8793



29.9485, 17.4301, 16.9583

Complementary

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



11.2189, 17.4301, 3.0897



5.9467, 2.7857, 20.9941

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.



28.3645, 17.4301, 36.2582



11.2189, 17.4301, 3.0897



17.3096, 17.4301, 70.0533

Square

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



11.2189, 17.4301, 3.0897



9.0815, 17.4301, 42.1412



23.3904, 17.4301, 58.3343



27.3297, 17.4301, 6.3817

Rectangle

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



11.2189, 17.4301, 3.0897



7.9399, 17.4301, 15.8410



23.3904, 17.4301, 58.3343



29.8927, 17.4301, 22.5050

Sweetspot

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



11.2193, 17.4309, 3.0901



30.0971, 35.9726, 24.0498



10.6376, 7.7385, 1.2499



6.6712, 8.0768, 5.1074



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.



11.2193, 17.4309, 3.0901



19.1388, 30.7354, 4.9238



8.2601, 15.9053, 2.9516



4.4980, 4.9332, 4.6353



10.5206, 16.7859, 2.6855



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.9467, 2.7857, 20.9941



9.6142, 4.1366, 37.4842



11.4459, 5.6206, 21.2514



4.2649, 4.2922, 5.4170



5.3291, 2.3009, 20.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2189, 17.4301, 3.0897 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 11.2189, 17.4301, 3.0897 looks on a 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 11.2189, 17.4301, 3.0897

Background



This preview shows how black text looks on a background with the XYZ color 11.2189, 17.4301, 3.0897.



This preview shows how white text looks on a background with the XYZ color 11.2189, 17.4301,

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

11.2189, 17.4301, 3.0897

Deuteranopia

17.4508, 17.2507, 3.4469

Tritanopia

15.3618, 17.4243, 23.6727

Trichromacy



Original Color

11.2189, 17.4301, 3.0897

Deuteranomaly

14.3818, 16.8417, 3.2022

Tritanomaly

12.9231, 16.9779, 11.6128

Monochromacy



Original Color

11.2189, 17.4301, 3.0897

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.2420, 14.1134, 7.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2189, 17.4301, 3.0897 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(80, 129, 11)` looks like.

```
.text, #text, p{  
    color:rgb(80, 129, 11)  
}
```

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(80, 129, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 129, 11) }
```

Border

The CSS property to change the border of an element to XYZ 11.2189, 17.4301, 3.0897 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(80, 129, 11) }
```

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

```
.border{ border-color:rgb(80, 129, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 129, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 129, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 129, 11);  
box-shadow:4px 4px 4px 4px rgb(80, 129,  
11) }
```


Background

The CSS property to change the background color of an element to XYZ 11.2189, 17.4301, 3.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 129, 11) }
```

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

```
.background{ background-color: rgb(80, 129,  
11) }
```

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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