

Converting Colors

XYZ(11.0385, 17.3241, 2.4396)

Have a look what the booklet for
XYZ(11.0385, 17.3241, 2.4396)
contains.

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Color

**XYZ(11.1585, 17.4060,
2.7716)**

Conversions

Conversions Part 1

Format	Color
Hex	508100
RGB	80, 129, 0
RGB Percent	31%, 51%, 0%
CMY	0.6863, 0.4941, 1.0000
CMYK	0.38, 0.00, 1.00, 0.49
HSL	83°, 100%, 25%
HSV	83°, 100%, 51%
XYZ	11.1585, 17.4060, 2.7716
YIQ	99.6430, 12.2050, -50.5070

Conversions

Conversions Part 2

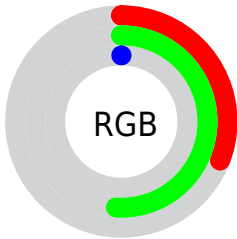
Format	Color
RYB	0, 129, 49
Decimal	5275904
CIELab	48.77, -34.34, 52.84
CIELCh	49, 63.016, 123.024
Yxy	17.4060, 0.3561, 0.5555
Android (android.graphics.Color)	4283465984 (0xFF508100)
YUV	99.6430, -49.1240, -17.2269
Hunter-Lab	41.7205, -25.2695, 25.2656

Details

The XYZ color **11.1585, 17.4060, 2.7716** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5.2300, 2.2386, 20.9264**, and the grayscale version is **12.1417, 12.7740, 13.9109**.

A 20% lighter version of the original color is **27.5136, 38.9059, 11.0605**, and **3.1969, 5.7986, 0.9508** is the 20% darker color. If you saturate the color by 10%, you get **11.1585, 17.4066, 2.7717**, and if you desaturate by 10%, it is **11.6599, 17.6567, 3.1713**.

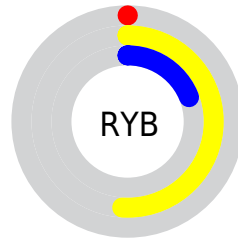
Distribution



Red (31%)

Green (51%)

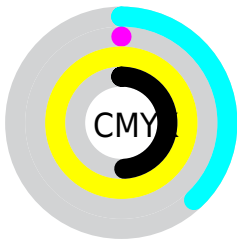
Blue (0%)



Red (0%)

Yellow (51%)

Blue (19%)

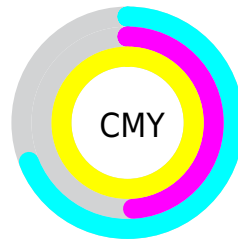


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (69%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1585, 17.4060, 2.7716 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 11.1585, 17.4060, 2.7716 by changing the saturation by 10% instead.

■ 11.1585, 17.4060,
2.7716

■ 11.1585, 17.4060,
2.7716

192.6377,
237.5013, 133.3963

■ 6.2416, 10.5244,
0.9792

■ 27.5832, 39.0225,
11.0594

■ 3.0346, 5.7480,
0.0000

■ 39.8218, 54.5262,
18.3920

■ 1.1721, 2.6925,
0.0000

■ 55.2317, 73.6727,
28.4084

■ 0.0842, 0.9734,
0.0000


■ 74.1782, 96.8464,
41.5271


■ 0.0000, 0.0000,
0.0000


■ 97.0267, 124.4318,
58.1667


■ 124.1425,


156.8131, 78.7457


 155.8911,
194.3748, 103.6827


 11.1585, 17.4060,
2.7716


 11.1585, 17.4060,
2.7716


 11.1585, 17.4066,
2.7717

 11.6599, 17.6567,
3.1713

 12.2321, 17.9387,
3.7840

 12.9004, 18.2628,
4.7395

 13.6734, 18.6324,
6.0788

 14.5581, 19.0506,
7.8369

■ 15.5612, 19.5198,
10.0451

■ 16.6885, 20.0427,
12.7316

■ 17.9454, 20.6213,
15.9223

■ 19.3371, 21.2578,
19.6412

Harmonies

Analogous

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



15.9598, 17.4060, 1.5759



11.1585, 17.4060, 2.7716



8.4334, 17.4060, 7.8057

Triad

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



11.1585, 17.4060, 2.7716



11.9646, 17.4060, 64.3379



30.4428, 17.4060, 17.3092

Complementary

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



11.1585, 17.4060, 2.7716



5.2300, 2.2386, 20.9264

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.



28.6714, 17.4060, 37.5498



11.1585, 17.4060, 2.7716



17.1420, 17.4060, 72.4401

Square

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



11.1585, 17.4060, 2.7716



8.8163, 17.4060, 42.3677



23.4315, 17.4060, 60.5893



27.8270, 17.4060, 6.2925

Rectangle

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



11.1585, 17.4060, 2.7716



7.7291, 17.4060, 15.3165



23.4315, 17.4060, 60.5893



30.3418, 17.4060, 23.1220

Sweetspot

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



11.1589, 17.4068, 2.7720



29.7330, 35.8204, 22.4273



10.0826, 6.7251, 0.7669



6.5650, 8.0315, 4.6765



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.



11.1589, 17.4068, 2.7720



19.8093, 31.0810, 4.9552



8.0856, 15.8224, 2.6281



4.5120, 4.9404, 4.6359



10.8839, 16.9732, 2.7025



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.2300, 2.2386, 20.9264



9.2061, 3.9262, 37.4651



10.6199, 5.0172, 21.1786



4.2513, 4.2851, 5.4163



5.1031, 2.1844, 20.4026



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1585, 17.4060, 2.7716 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 11.1585, 17.4060, 2.7716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

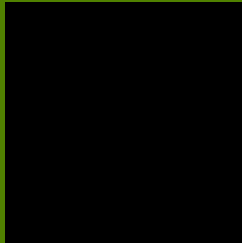
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1585, 17.4060, 2.7716

Background



This preview shows how black text looks on a background with the XYZ color 11.1585, 17.4060, 2.7716.



This preview shows how white text looks on a background with the XYZ color 11.1585, 17.4060,

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

11.1585, 17.4060, 2.7716

Protanopia

15.4513, 17.2366, 2.5126

Deuteranopia

17.4285, 17.2418, 3.3291



Tritanopia

15.2950, 17.3976, 23.3208

Trichromacy



Original Color

11.1585, 17.4060, 2.7716

Protanomaly

13.5195, 17.1195, 2.5918

Deuteranomaly

14.3400, 16.8249, 2.9820

Tritanomaly

12.7258, 16.8990, 10.5737

Monochromacy



Original Color

11.1585, 17.4060, 2.7716

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.1241, 14.0662, 6.9792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1585, 17.4060, 2.7716 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 129, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 129, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1585, 17.4060, 2.7716 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, 0) }
```


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

```
.border{ border-color:rgb(80, 129, 0) }
```

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, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(80, 129, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1585, 17.4060, 2.7716 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, 0) }
```

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

```
.background{ background-color: rgb(80, 129,  
0) }
```

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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