

Converting Colors

XYZ(11.4236, 17.2520, 2.7644)

Have a look what the booklet for
XYZ(11.4236, 17.2520, 2.7644)
contains.

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Color

**XYZ(11.4710, 17.3718,
2.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	558001
RGB	85, 128, 1
RGB Percent	33%, 50%, 0%
CMY	0.6667, 0.4980, 0.9960
CMYK	0.34, 0.00, 0.99, 0.50
HSL	80°, 98%, 25%
HSV	80°, 99%, 50%
XYZ	11.4710, 17.3718, 2.7772
YIQ	100.6650, 15.1390, -48.6130

Conversions

Conversions Part 2

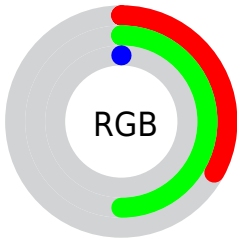
Format	Color
R_{YB}	1, 128, 44
Decimal	5603329
CIE Lab	48.73, -31.90, 52.72
CIE LCh	49, 61.620, 121.173
Yxy	17.3718, 0.3628, 0.5494
Android (android.graphics.Color)	4283793409 (0xFF558001)
YUV	100.6650, -49.1348, -13.7382
Hunter-Lab	41.6795, -23.8125, 25.2250

Details

The XYZ color **11.4710, 17.3718, 2.7772** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4.9465, 2.1162, 20.5707**, and the grayscale version is **12.4037, 13.0497, 14.2111**.

A 20% lighter version of the original color is **28.1255, 38.9184, 11.0307**, and **3.3201, 5.7559, 0.9360** is the 20% darker color. If you saturate the color by 10%, you get **11.4350, 17.3544, 2.7471**, and if you desaturate by 10%, it is **11.9495, 17.6107, 3.1781**.

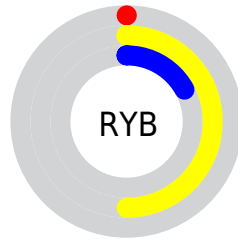
Distribution



Red (33%)

Green (50%)

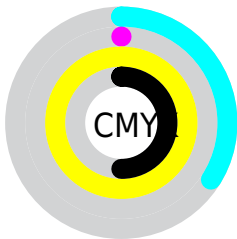
Blue (0%)



Red (0%)

Yellow (50%)

Blue (17%)

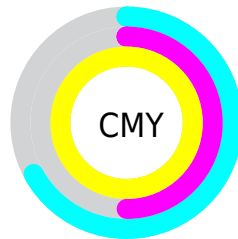


Cyan (34%)

Magenta (0%)

Yellow (99%)

Black (50%)



Cyan (67%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4710, 17.3718, 2.7772 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 11.4710, 17.3718, 2.7772 by changing the saturation by 10% instead.

■ 11.4710, 17.3718,
2.7772

■ 11.4710, 17.3718,
2.7772

194.7133,
237.3059, 133.4703

■ 6.4542, 10.4999,
0.9820

■ 28.1532, 38.9639,
11.0735

■ 3.1664, 5.7317,
0.0000

■ 40.5493, 54.4530,
18.4118

■ 1.2424, 2.6826,
0.0000

■ 56.1359, 73.5832,
28.4348

■ 0.1394, 0.9684,
0.0000


■ 75.2783, 96.7390,
41.5611


■ 0.0000, 0.0000,
0.0000


■ 98.3419, 124.3048,
58.2093


■ 125.6920,


156.6650, 78.7979


 157.6940,
194.2039, 103.7454


 11.4710, 17.3718,
2.7772


 11.4710, 17.3718,
2.7772


 11.4350, 17.3544,
2.7471

 11.9495, 17.6107,
3.1781

 12.4951, 17.8786,
3.8057

 13.1299, 18.1851,
4.7732

 13.8619, 18.5334,
6.1202

 14.6980, 18.9263,
7.8809

■ 15.6442, 19.3663,
10.0855

■ 16.7062, 19.8556,
12.7615

■ 17.8891, 20.3965,
15.9341

■ 19.1977, 20.9907,
19.6269

Harmonies

Analogous

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



16.2884, 17.3718, 1.7001



11.4710, 17.3718, 2.7772



8.6616, 17.3718, 7.4725

Triad

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



11.4710, 17.3718, 2.7772



11.7780, 17.3718, 61.7857



30.0429, 17.3718, 18.2806

Complementary

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



11.4710, 17.3718, 2.7772



4.9465, 2.1162, 20.5707

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.



28.0706, 17.3718, 38.4018



11.4710, 17.3718, 2.7772



16.7364, 17.3718, 70.7181

Square

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



11.4710, 17.3718, 2.7772



8.8081, 17.3718, 40.2112



22.8467, 17.3718, 60.3841



27.7527, 17.3718, 6.8901

Rectangle

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



11.4710, 17.3718, 2.7772



7.8882, 17.3718, 14.5028



22.8467, 17.3718, 60.3841



29.8536, 17.3718, 24.1418

Sweetspot

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



11.4714, 17.3726, 2.7776



29.1231, 34.8245, 21.7175



9.7843, 6.3441, 0.7378



6.6602, 8.0805, 4.6810



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.



11.4714, 17.3726, 2.7776



19.9746, 30.4726, 4.8290



8.0598, 15.6138, 2.6179



4.5283, 4.9488, 4.6367



11.3396, 17.2082, 2.7238



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.9465, 2.1162, 20.5707



8.4979, 3.5884, 36.2010



9.9512, 4.6962, 20.8050



4.2355, 4.2770, 5.4156



4.8670, 2.0627, 20.3916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.4710, 17.3718, 2.7772 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 11.4710, 17.3718, 2.7772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

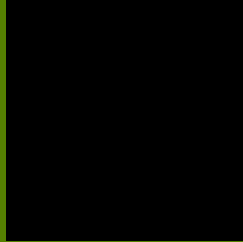
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4710, 17.3718, 2.7772

Background



This preview shows how black text looks on a background with the XYZ color 11.4710, 17.3718, 2.7772.



This preview shows how white text looks on a background with the XYZ color 11.4710, 17.3718,

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

11.4710, 17.3718, 2.7772

Protanopia

15.4513, 17.2366, 2.5126

Deuteranopia

17.3212, 17.0272, 3.2934



Tritanopia

15.5301, 17.3488, 22.9522

Trichromacy



Original Color

11.4710, 17.3718, 2.7772

Protanomaly

13.6559, 17.0103, 2.5636

Deuteranomaly

14.5073, 16.7391, 2.9566

Tritanomaly

12.9967, 16.8554, 10.5511

Monochromacy



Original Color

11.4710, 17.3718, 2.7772

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.3579, 14.1834, 7.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4710, 17.3718, 2.7772 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(85, 128, 1)` looks like.

```
.text, #text, p{  
    color:rgb(85, 128, 1)  
}
```

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(85, 128, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 128, 1) }
```

Border

The CSS property to change the border of an element to XYZ 11.4710, 17.3718, 2.7772 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(85, 128, 1) }
```


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

```
.border{ border-color:rgb(85, 128, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 128, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 128, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 128, 1);  
box-shadow:4px 4px 4px 4px rgb(85, 128, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4710, 17.3718, 2.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 128, 1) }
```

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

```
.background{ background-color: rgb(85, 128,  
1) }
```

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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