

Converting Colors

XYZ(11.7727, 17.1760, 2.4670)

Have a look what the booklet for
XYZ(11.7727, 17.1760, 2.4670)
contains.

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Color

**XYZ(11.7752, 17.1459,
2.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7E00
RGB	91, 126, 0
RGB Percent	36%, 49%, 0%
CMY	0.6431, 0.5059, 1.0000
CMYK	0.28, 0.00, 1.00, 0.51
HSL	77°, 100%, 25%
HSV	77°, 100%, 49%
XYZ	11.7752, 17.1459, 2.6889
YIQ	101.1710, 19.5860, -46.6060

Conversions

Conversions Part 2

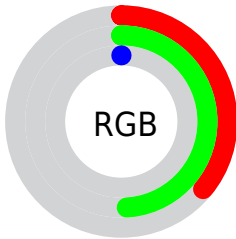
Format	Color
RYB	0, 126, 35
Decimal	5996032
CIELab	48.44, -28.52, 52.87
CIELCh	48, 60.068, 118.342
Yxy	17.1459, 0.3725, 0.5424
Android (android.graphics.Color)	4284186112 (0xFF5B7E00)
YUV	101.1710, -49.8773, -8.9200
Hunter-Lab	41.4076, -21.7028, 25.1352

Details

The XYZ color **11.7752, 17.1459, 2.6889** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4.4598, 1.8642, 19.8646**, and the grayscale version is **12.5360, 13.1888, 14.3626**.

A 20% lighter version of the original color is **28.7226, 38.6301, 10.7930**, and **3.4906, 5.7391, 0.9238** is the 20% darker color. If you saturate the color by 10%, you get **11.7753, 17.1465, 2.6890**, and if you desaturate by 10%, it is **12.1989, 17.3568, 3.0749**.

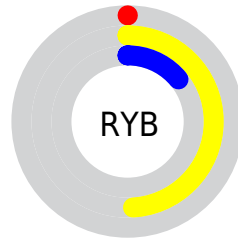
Distribution



Red (36%)

Green (49%)

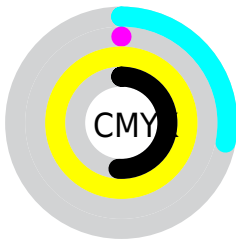
Blue (0%)



Red (0%)

Yellow (49%)

Blue (14%)

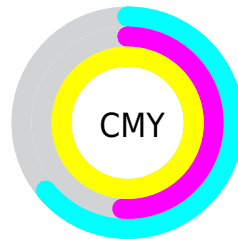


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7752, 17.1459, 2.6889 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 11.7752, 17.1459, 2.6889 by changing the saturation by 10% instead.

■ 11.7752, 17.1459,
2.6889

■ 11.7752, 17.1459,
2.6889

196.7118,
236.0118, 132.2940

■ 6.6619, 10.3386,
0.9378

■ 28.7054, 38.5765,
10.8506

■ 3.2960, 5.6240,
0.0000

■ 41.2531, 53.9685,
18.0986

■ 1.3122, 2.6178,
0.0000

■ 57.0096, 72.9908,
28.0160

■ 0.1923, 0.9356,
0.0000


■ 76.3402, 96.0280,
41.0215


■ 0.0000, 0.0000,
0.0000


■ 99.6104, 123.4642,
57.5334


■ 127.1855,


155.6840, 77.9705


 159.4308,
193.0717, 102.7512


 11.7752, 17.1459,
2.6889


 11.7752, 17.1459,
2.6889


 11.7753, 17.1465,
2.6890

 12.1989, 17.3568,
3.0749

 12.6760, 17.5903,
3.6588

 13.2312, 17.8570,
4.5671

 13.8718, 18.1598,
5.8383

 14.6044, 18.5013,
7.5056

■ 15.4348, 18.8839,
9.5983

■ 16.3682, 19.3097,
12.1430

■ 17.4094, 19.7807,
15.1642

■ 18.5630, 20.2987,
18.6844

Harmonies

Analogous

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



16.6044, 17.1459, 1.8125



11.7752, 17.1459, 2.6889



8.8523, 17.1459, 6.8601

Triad

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



11.7752, 17.1459, 2.6889



11.3538, 17.1459, 58.1213



29.3135, 17.1459, 19.5587

Complementary

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



11.7752, 17.1459, 2.6889



4.4598, 1.8642, 19.8646

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.



27.0540, 17.1459, 39.4960



11.7752, 17.1459, 2.6889



15.9927, 17.1459, 68.2364

Square

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



11.7752, 17.1459, 2.6889



8.6503, 17.1459, 37.0481



21.8487, 17.1459, 60.0089



27.4850, 17.1459, 7.6682

Rectangle

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



11.7752, 17.1459, 2.6889



7.9805, 17.1459, 13.1948



21.8487, 17.1459, 60.0089



28.9987, 17.1459, 25.4799

Sweetspot

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



11.7756, 17.1467, 2.6893



28.6874, 33.9318, 21.0288



9.1656, 5.5576, 0.5899



6.3931, 7.6580, 4.4165



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.7756, 17.1467, 2.6893



20.5848, 30.1071, 4.7263



7.9796, 15.1898, 2.5116



4.5525, 4.9613, 4.6378



12.0754, 17.5875, 2.7583



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.4598, 1.8642, 19.8646



7.7261, 3.2172, 34.9581



8.6540, 4.0264, 20.0608



4.2124, 4.2651, 5.4145



4.5710, 1.9101, 20.3777



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.7752, 17.1459, 2.6889 looks on a white background.

Color Contrast Check

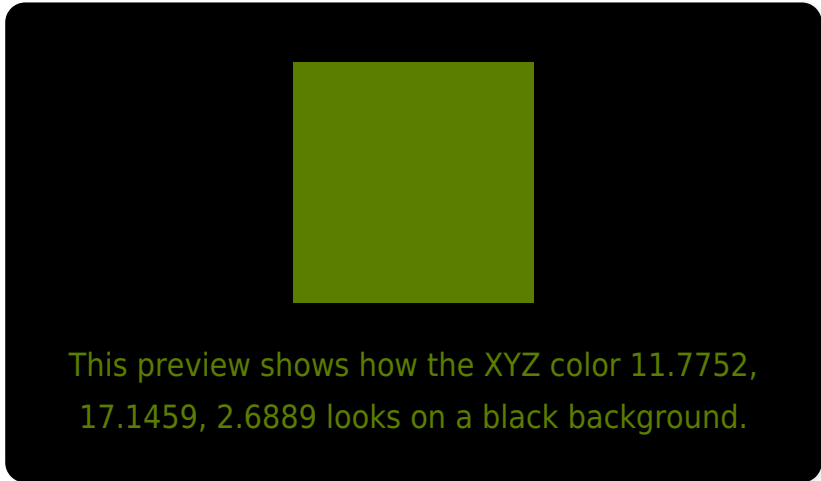
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7752, 17.1459, 2.6889

Background



This preview shows how black text looks on a background with the XYZ color 11.7752, 17.1459, 2.6889.



This preview shows how white text looks on a background with the XYZ color 11.7752, 17.1459,

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

11.7752, 17.1459, 2.6889

Protanopia

15.3367, 17.0073, 2.4744

Deuteranopia

17.3106, 17.0230, 3.2375



Tritanopia

15.7207, 17.1125, 22.2131

Trichromacy



Original Color

11.7752, 17.1459, 2.6889

Protanomaly

13.7993, 16.9067, 2.5360

Deuteranomaly

14.6744, 16.6559, 2.8934

Tritanomaly

13.3100, 16.6648, 10.1045

Monochromacy



Original Color

11.7752, 17.1459, 2.6889

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.4311, 14.0634, 6.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7752, 17.1459, 2.6889 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(91, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 126, 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(91, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 126, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.7752, 17.1459, 2.6889 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(91, 126, 0) }
```


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

```
.border{ border-color:rgb(91, 126, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 126, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.7752, 17.1459, 2.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 126, 0) }
```

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

```
.background{ background-color: rgb(91, 126,  
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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