

Converting Colors

XYZ(11.7447, 15.9426, 6.1996)

Have a look what the booklet for
XYZ(11.7447, 15.9426, 6.1996)
contains.

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Color

**XYZ(11.7447, 15.9426,
6.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7838
RGB	91, 120, 56
RGB Percent	36%, 47%, 22%
CMY	0.6431, 0.5294, 0.7804
CMYK	0.24, 0.00, 0.53, 0.53
HSL	87°, 36%, 35%
HSV	87°, 53%, 47%
XYZ	11.7447, 15.9426, 6.1996
YIQ	104.0330, 3.2600, -26.0520

Conversions

Conversions Part 2

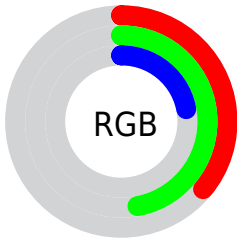
Format	Color
RYB	56, 120, 85
Decimal	5994552
CIELab	46.90, -22.08, 31.50
CIELCh	47, 38.469, 125.019
Yxy	15.9426, 0.3466, 0.4705
Android (android.graphics.Color)	4284184632 (0xFF5B7838)
YUV	104.0330, -23.6803, -11.4299
Hunter-Lab	39.9282, -17.3693, 18.7438

Details

The XYZ color **11.7447, 15.9426, 6.1996** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.5512, 6.1161, 18.5000**, and the grayscale version is **13.2281, 13.9170, 15.1556**.

A 20% lighter version of the original color is **28.6300, 36.3646, 18.8747**, and **3.2519, 5.0162, 1.0266** is the 20% darker color. If you saturate the color by 10%, you get **10.9690, 15.5732, 4.8108**, and if you desaturate by 10%, it is **12.6304, 16.3616, 7.9616**.

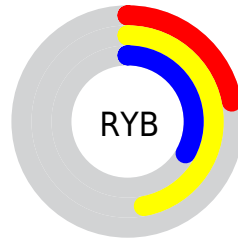
Distribution



Red (36%)

Green (47%)

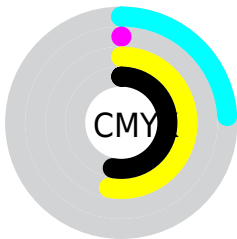
Blue (22%)



Red (22%)

Yellow (47%)

Blue (33%)

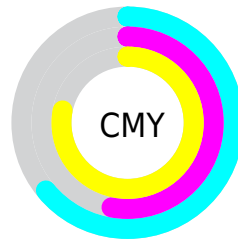


Cyan (24%)

Magenta (0%)

Yellow (53%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7447, 15.9426, 6.1996 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 11.7447, 15.9426, 6.1996 by changing the saturation by 10% instead.

■ 11.7447, 15.9426,
6.1996

■ 11.7447, 15.9426,
6.1996

196.5124,
229.0028, 170.2070

■ 6.6410, 9.4835,
2.8961

■ 28.6502, 36.4985,
18.8286

■ 3.2830, 5.0579,
1.0418

■ 41.1827, 51.3642,
28.9911

■ 1.3051, 2.2813,
0.0000

■ 56.9222, 69.8008,
42.2771

■ 0.1870, 0.7638,
0.0000

■ 76.2341, 92.1929,
59.1050

■ 0.0000, 0.0000,
0.0000

■ 99.4837, 118.9247,
79.8934

■ 127.0364,

150.3807, 105.0608

159.2575,
186.9453, 135.0259

■ 11.7447, 15.9426,
6.1996

■ 11.7447, 15.9426,
6.1996

■ 10.9690, 15.5732,
4.8108

■ 12.6304, 16.3616,
7.9616

■ 10.2963, 15.2488,
3.7672

■ 13.6303, 16.8304,
10.1201

■ 9.7203, 14.9673,
3.0385

■ 14.7499, 17.3517,
12.6976

■ 9.2326, 14.7254,
2.5854

■ 15.9939, 17.9274,
15.7148

■ 8.9383, 14.5788,
2.3429

■ 17.3664, 18.5595,
19.1910

■ 18.8718, 19.2496,
23.1441

■ 20.5140, 19.9994,
27.5914

■ 22.2967, 20.8106,
32.5491

■ 24.2235, 21.6845,
38.0328

Harmonies

Analogous

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



14.5956, 15.9426, 4.6935



11.7447, 15.9426, 6.1996



10.0259, 15.9426, 10.6678

Triad

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



11.7447, 15.9426, 6.1996



12.5889, 15.9426, 40.0648



22.5294, 15.9426, 15.7922

Complementary

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



11.7447, 15.9426, 6.1996



8.5512, 6.1161, 18.5000

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.



21.7840, 15.9426, 26.3871



11.7447, 15.9426, 6.1996



15.7243, 15.9426, 43.0295

Square

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



11.7447, 15.9426, 6.1996



10.4606, 15.9426, 30.2639



19.1640, 15.9426, 37.3079



21.0730, 15.9426, 8.7695

Rectangle

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



11.7447, 15.9426, 6.1996



9.5926, 15.9426, 15.8039



19.1640, 15.9426, 37.3079



22.5299, 15.9426, 19.0125

Sweetspot

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



11.7451, 15.9433, 6.1999



27.4361, 31.2095, 25.9308



11.6929, 10.7447, 5.1993



6.4166, 7.3568, 5.9369



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.7451, 15.9433, 6.1999



19.0119, 27.2548, 7.9998



9.2463, 14.6551, 6.0830



4.1408, 4.5479, 4.2841



9.7342, 15.8954, 2.5551



45.4417, 75.3115, 12.1415

Inverse Universe

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



8.5512, 6.1161, 18.5000



12.7559, 7.9863, 32.1223



12.1142, 7.9529, 18.6667



3.9541, 3.9742, 5.0019



5.3643, 2.3382, 19.5539



24.6334, 10.6610, 93.2292

Previews

White Background



This preview shows how the XYZ color 11.7447, 15.9426, 6.1996 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 11.7447, 15.9426, 6.1996 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 11.7447, 15.9426, 6.1996

Background



This preview shows how black text looks on a background with the XYZ color 11.7447, 15.9426, 6.1996.



This preview shows how white text looks on a background with the XYZ color 11.7447, 15.9426,

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

11.7447, 15.9426, 6.1996

Protanopia

14.4954, 15.8369, 5.6610

Deuteranopia

16.1230, 15.8686, 6.4881



Tritanopia

14.6735, 15.9247, 20.7128

Trichromacy



Original Color

11.7447, 15.9426, 6.1996

Protanomaly

13.2387, 15.6805, 5.8189

Deuteranomaly

14.2196, 15.6777, 6.4143

Tritanomaly

13.3798, 15.9140, 13.9218

Monochromacy



Original Color

11.7447, 15.9426, 6.1996

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.4418, 14.4926, 11.1584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7447, 15.9426, 6.1996 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, 120, 56)` looks like.

```
.text, #text, p{  
    color:rgb(91, 120, 56)  
}
```

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, 120, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 120, 56) }
```

Border

The CSS property to change the border of an element to XYZ 11.7447, 15.9426, 6.1996 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, 120, 56) }
```


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

```
.border{ border-color:rgb(91, 120, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 120, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 120, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 120, 56);  
box-shadow:4px 4px 4px 4px rgb(91, 120,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7447, 15.9426, 6.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 120, 56) }
```

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

```
.background{ background-color: rgb(91, 120,  
56) }
```

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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