

Converting Colors

XYZ(11.3081, 11.2506, 1.8055)

Have a look what the booklet for
XYZ(11.3081, 11.2506, 1.8055)
contains.

XYZ(11.3077, 11.2518, 1.8056)	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>	31

Color

**XYZ(11.3077, 11.2518,
1.8056)**

Conversions

Conversions Part 1

Format	Color
Hex	775A08
RGB	119, 90, 8
RGB Percent	47%, 35%, 3%
CMY	0.5333, 0.6470, 0.9686
CMYK	0.00, 0.24, 0.93, 0.53
HSL	44°, 87%, 25%
HSV	44°, 93%, 47%
XYZ	11.3077, 11.2518, 1.8056
YIQ	89.3230, 43.6060, -19.3540

Conversions

Conversions Part 2

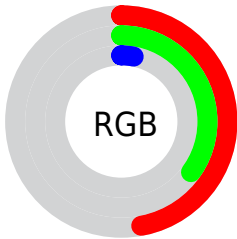
Format	Color
RYB	47, 119, 8
Decimal	7821832
CIELab	40.00, 4.53, 45.55
CIELCh	40, 45.777, 84.323
Yxy	11.2518, 0.4641, 0.4618
Android (android.graphics.Color)	4286011912 (0xFF775A08)
YUV	89.3230, -40.0922, 26.0267
Hunter-Lab	33.5437, 1.4715, 20.2891

Details

The XYZ color **11.3077, 11.2518, 1.8056** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.0915, 2.7067, 17.7593**, and the grayscale version is **9.6470, 10.1494, 11.0527**.

A 20% lighter version of the original color is **27.9268, 28.2179, 8.5321**, and **3.1852, 3.0350, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **11.0901, 10.8869, 1.5169**, and if you desaturate by 10%, it is **11.6573, 11.8205, 2.3246**.

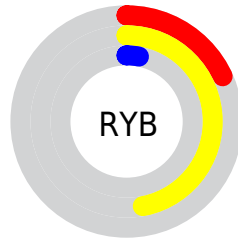
Distribution



Red (47%)

Green (35%)

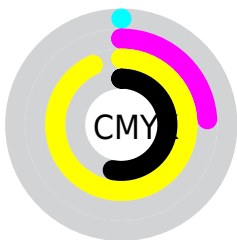
Blue (3%)



Red (18%)

Yellow (47%)

Blue (3%)

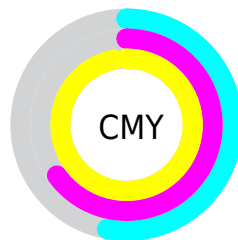


Cyan (0%)

Magenta (24%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3077, 11.2518, 1.8056 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 11.3077, 11.2518, 1.8056 by changing the saturation by 10% instead.

■ 11.3077, 11.2518,
1.8056

■ 11.3077, 11.2518,
1.8056

■ 193.6316,
199.3870, 119.2812

■ 6.3430, 6.2365,
0.4316

■ 27.8557, 28.1249,
8.5022

■ 3.0974, 2.9894,
0.0000

■ 40.1697, 40.7514,
14.7539

■ 1.2055, 1.1262,
0.0000

■ 55.6642, 56.6837,
23.4994

■ 0.1107, 0.0002,
0.0000

■ 74.7046, 76.3063,
35.1571


■ 0.0000, 0.0000,
0.0000


■ 97.6562, 100.0035,
50.1456


■ 124.8843,


128.1598, 68.8834


 156.7543,
161.1595, 91.7891


 11.3077, 11.2518,
1.8056


 11.3077, 11.2518,
1.8056


 11.0901, 10.8869,
1.5169

 11.6573, 11.8205,
2.3246

 12.0688, 12.4312,
3.1160

 12.5499, 13.0878,
4.2187

 13.1064, 13.7927,
5.6624

 13.7434, 14.5482,
7.4737

■ 14.4657, 15.3563,
9.6763

■ 15.2773, 16.2189,
12.2920

■ 16.1824, 17.1378,
15.3410

■ 17.1845, 18.1147,
18.8420

Harmonies

Analogous

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



14.6499, 11.2518, 2.8480



11.3077, 11.2518, 1.8056



8.3791, 11.2518, 2.2448

Triad

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



11.3077, 11.2518, 1.8056



6.0531, 11.2518, 20.9213



16.4375, 11.2518, 25.4829

Complementary

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



11.3077, 11.2518, 1.8056



4.0915, 2.7067, 17.7593

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.



13.4014, 11.2518, 35.9776



11.3077, 11.2518, 1.8056



7.5240, 11.2518, 32.5575

Square

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



11.3077, 11.2518, 1.8056



5.7106, 11.2518, 10.6072



10.1039, 11.2518, 39.0582



17.9635, 11.2518, 14.0570

Rectangle

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



11.3077, 11.2518, 1.8056



6.9817, 11.2518, 3.5353



10.1039, 11.2518, 39.0582



15.5339, 11.2518, 29.4238

Sweetspot

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



11.3080, 11.2524, 1.8058



26.5471, 28.1916, 19.3704



8.0380, 4.2331, 2.1938



6.1716, 6.5524, 4.2087



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.



11.3080, 11.2524, 1.8058



19.7444, 19.2652, 2.6779



11.1650, 15.5434, 2.6416



3.8896, 4.1121, 3.9310



11.7749, 11.5510, 1.6090



56.6575, 54.8435, 7.5997

Inverse Universe

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



4.0915, 2.7067, 17.7593



6.7431, 3.9458, 31.6593



4.0731, 1.8441, 17.5937



3.5713, 3.7312, 4.6222



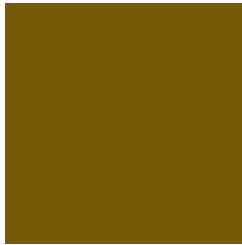
4.0535, 2.4468, 18.8012



19.1462, 10.7090, 91.4182

Previews

White Background



This preview shows how the XYZ color 11.3077, 11.2518, 1.8056 looks on a white background.

Color Contrast Check

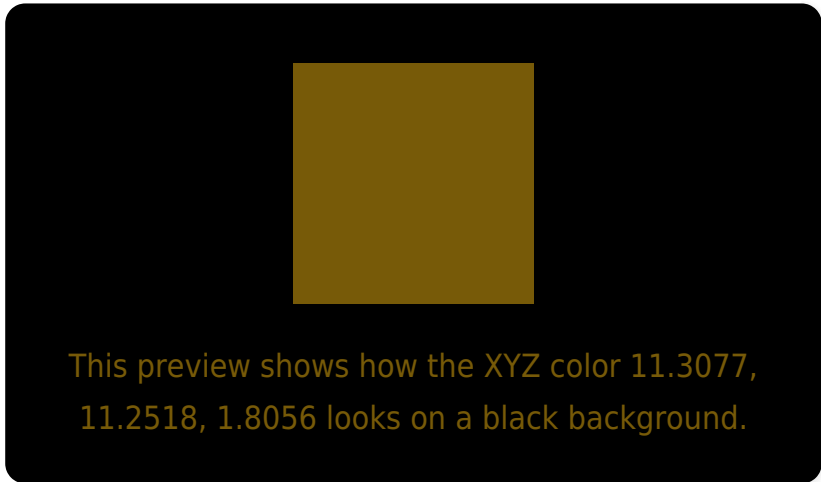
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3077, 11.2518, 1.8056

Background



This preview shows how black text looks on a background with the XYZ color 11.3077, 11.2518, 1.8056.



This preview shows how white text looks on a background with the XYZ color 11.3077, 11.2518,

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

11.3077, 11.2518, 1.8056

Protanopia

10.2104, 11.3321, 1.9363

Deuteranopia

11.4457, 11.3229, 1.8120



Tritanopia

13.1842, 11.2898, 11.1571

Trichromacy



Original Color

11.3077, 11.2518, 1.8056

Protanomaly

10.5192, 11.2279, 1.8712

Deuteranomaly

11.4457, 11.3229, 1.8120

Tritanomaly

12.1694, 11.1194, 5.7798

Monochromacy



Original Color

11.3077, 11.2518, 1.8056

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.6435, 10.1803, 5.7317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3077, 11.2518, 1.8056 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(119, 90, 8)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 8)  
}
```

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(119, 90, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 8) }
```

Border

The CSS property to change the border of an element to XYZ 11.3077, 11.2518, 1.8056 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(119, 90, 8) }
```


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

```
.border{ border-color:rgb(119, 90, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 90, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 90, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 90, 8);  
box-shadow:4px 4px 4px 4px rgb(119, 90, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3077, 11.2518, 1.8056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 8) }
```

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

```
.background{ background-color: rgb(119, 90,  
8) }
```

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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