

Converting Colors

XYZ(11.4233, 11.6134, 1.6395)

Have a look what the booklet for
XYZ(11.4233, 11.6134, 1.6395)
contains.

XYZ(11.4349, 11.5762, 1.6318)	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(11.4349, 11.5762,
1.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	775C00
RGB	119, 92, 0
RGB Percent	47%, 36%, 0%
CMY	0.5333, 0.6392, 1.0000
CMYK	0.00, 0.23, 1.00, 0.53
HSL	46°, 100%, 23%
HSV	46°, 100%, 47%
XYZ	11.4349, 11.5762, 1.6318
YIQ	89.5850, 45.6240, -22.8880

Conversions

Conversions Part 2

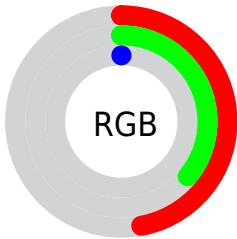
Format	Color
R_YB	35, 119, 0
Decimal	7822336
CIE Lab	40.53, 3.15, 48.16
CIE LCh	41, 48.266, 86.259
Yxy	11.5762, 0.4640, 0.4698
Android (android.graphics.Color)	4286012416 (0xFF775C00)
YUV	89.5850, -44.1654, 25.7970
Hunter-Lab	34.0238, 0.4495, 20.9731

Details

The XYZ color **11.4349, 11.5762, 1.6318** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.7218, 2.1159, 17.6649**, and the grayscale version is **9.7141, 10.2200, 11.1296**.

A 20% lighter version of the original color is **28.1159, 28.7655, 8.0734**, and **3.2633, 3.1913, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **11.4350, 11.5765, 1.6318**, and if you desaturate by 10%, it is **11.7390, 12.0792, 2.0576**.

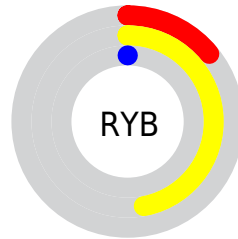
Distribution



Red (47%)

Green (36%)

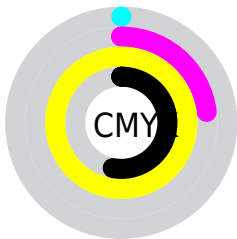
Blue (0%)



Red (14%)

Yellow (47%)

Blue (0%)

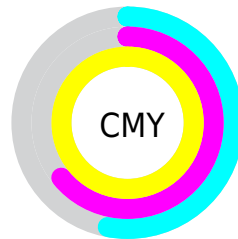


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4349, 11.5762, 1.6318 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 11.4349, 11.5762, 1.6318 by changing the saturation by 10% instead.

■ 11.4349, 11.5762,
1.6318

■ 11.4349, 11.5762,
1.6318

■ 194.4747,
201.5791, 116.3687

■ 6.4296, 6.4558,
0.3134

■ 28.0875, 28.7208,
8.0073

■ 3.1511, 3.1242,
0.0000

■ 40.4655, 41.5139,
14.0369

■ 1.2342, 1.1969,
0.0000

■ 56.0318, 57.6333,
22.5191

■ 0.1331, 0.0592,
0.0000

■ 75.1517, 77.4634,
33.8725


■ 0.0000, 0.0000,
0.0000


■ 98.1906, 101.3886,
48.5156


■ 125.5138,


129.7934, 66.8670


 157.4867,
163.0621, 89.3452


 11.4349, 11.5762,
1.6318


 11.4349, 11.5762,
1.6318


 11.4350, 11.5765,
1.6318

 11.7390, 12.0792,
2.0576

 12.0826, 12.6111,
2.6510

 12.4887, 13.1815,
3.5317

 12.9637, 13.7933,
4.7330

 13.5132, 14.4487,
6.2835

■ 14.1420, 15.1498,
8.2086

■ 14.8546, 15.8986,
10.5315

■ 15.6551, 16.6968,
13.2733

■ 16.5473, 17.5460,
16.4538

Harmonies

Analogous

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



15.0484, 11.5762, 2.5655



11.4349, 11.5762, 1.6318



8.3563, 11.5762, 2.1656

Triad

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



11.4349, 11.5762, 1.6318



6.1194, 11.5762, 22.8363



17.3842, 11.5762, 26.1273

Complementary

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



11.4349, 11.5762, 1.6318



3.7218, 2.1159, 17.6649

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.



14.1564, 11.5762, 37.9572



11.4349, 11.5762, 1.6318



7.7563, 11.5762, 35.4664

Square

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



11.4349, 11.5762, 1.6318



5.6833, 11.5762, 11.4220



10.5818, 11.5762, 42.0420



18.9013, 11.5762, 13.8660

Rectangle

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



11.4349, 11.5762, 1.6318



6.9230, 11.5762, 3.5850



10.5818, 11.5762, 42.0420



16.4346, 11.5762, 30.4884

Sweetspot

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



11.4352, 11.5768, 1.6320



26.4972, 28.3642, 18.5139



7.8146, 4.0048, 1.4454



6.1731, 6.6117, 4.0358



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.



11.4352, 11.5768, 1.6320



20.3711, 20.5186, 2.8868



10.5524, 15.2328, 2.3842



3.8996, 4.1321, 3.9343



12.1418, 12.2849, 1.7313



58.5037, 58.5358, 8.2151

Inverse Universe

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



3.7218, 2.1159, 17.6649



6.5723, 3.6043, 31.6024



3.9174, 1.6349, 17.5618



3.5618, 3.7123, 4.6191



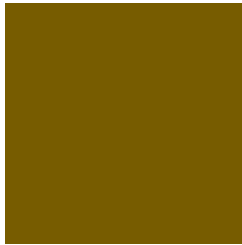
3.9475, 2.2347, 18.7658



18.6878, 9.7921, 91.2654

Previews

White Background



This preview shows how the XYZ color 11.4349, 11.5762, 1.6318 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 11.4349, 11.5762, 1.6318

Background



This preview shows how black text looks on a background with the XYZ color 11.4349, 11.5762, 1.6318.



This preview shows how white text looks on a background with the XYZ color 11.4349, 11.5762,

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

11.4349, 11.5762, 1.6318

Protanopia

10.4001, 11.5670, 1.8568

Deuteranopia

11.6591, 11.5603, 1.7891



Tritanopia

13.5717, 11.7134, 11.6708

Trichromacy



Original Color

11.4349, 11.5762, 1.6318

Protanomaly

10.7962, 11.6379, 1.7922

Deuteranomaly

11.5087, 11.4840, 1.7249

Tritanomaly

12.3052, 11.4328, 5.6959

Monochromacy



Original Color

11.4349, 11.5762, 1.6318

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.8464, 10.5443, 5.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4349, 11.5762, 1.6318 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, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 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(119, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.4349, 11.5762, 1.6318 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, 92, 0) }
```


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

```
.border{ border-color:rgb(119, 92, 0) }
```

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

Here you see how a box with a 4 pixel rgb(119, 92, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4349, 11.5762, 1.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 0) }
```

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

```
.background{ background-color: rgb(119, 92,  
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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