

Converting Colors

XYZ(17.5256, 11.0595, 1.2138)

Have a look what the booklet for
XYZ(17.5256, 11.0595, 1.2138)
contains.

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Color

**XYZ(17.5146, 11.0572,
1.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	A83700
RGB	168, 55, 0
RGB Percent	66%, 22%, 0%
CMY	0.3412, 0.7843, 1.0000
CMYK	0.00, 0.67, 1.00, 0.34
HSL	20°, 100%, 33%
HSV	20°, 100%, 66%
XYZ	17.5146, 11.0572, 1.2111
YIQ	82.5170, 85.0030, 6.8510

Conversions

Conversions Part 2

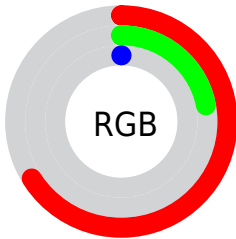
Format	Color
RYB	168, 82, 0
Decimal	11024128
CIELab	39.68, 44.54, 51.35
CIELCh	40, 67.976, 49.061
Yxy	11.0572, 0.5881, 0.3713
Android (android.graphics.Color)	4289214208 (0xFFA83700)
YUV	82.5170, -40.6809, 74.9686
Hunter-Lab	33.2524, 35.8274, 21.1172

Details

The XYZ color **17.5146, 11.0572, 1.2111** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.9721, 14.6357, 39.1867**, and the grayscale version is **8.1923, 8.6189, 9.3860**.

A 20% lighter version of the original color is **38.5334, 27.5954, 6.6637**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **17.5148, 11.0578, 1.2112**, and if you desaturate by 10%, it is **18.2141, 12.2970, 1.9357**.

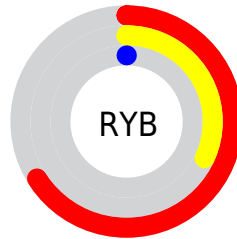
Distribution



Red (66%)

Green (22%)

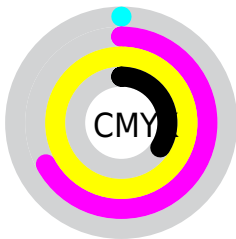
Blue (0%)



Red (66%)

Yellow (32%)

Blue (0%)

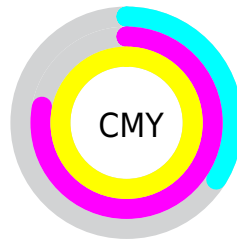


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (34%)



Cyan (34%)


Magenta (78%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5146, 11.0572, 1.2111 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 17.5146, 11.0572, 1.2111 by changing the saturation by 10% instead.


 17.5146, 11.0572,
1.2111


 17.5146, 11.0572,
1.2111


 231.2195,
198.0596, 108.5846


 10.6996, 6.1053,
0.0000


 38.7451, 27.7659,
6.7430


 5.9310, 2.9092,
0.0000


 53.8913, 40.2915,
12.1809


 2.8435, 1.0845,
0.0000

 72.5453, 56.1105,
19.9582

 1.0715, 0.0000,
0.0000

 95.0724, 75.6072,
30.4935

 0.0011, 0.0000,
0.0000


 121.8380, 99.1661,
44.2052


 0.0000, 0.0000,
0.0000


 153.2075,


127.1715, 61.5119


 189.5463,
160.0079, 82.8322


 17.5146, 11.0572,
1.2111


 17.5146, 11.0572,
1.2111


 17.5148, 11.0578,
1.2112

 18.2141, 12.2970,
1.9357

 19.1278, 13.8309,
3.1448

 20.2972, 15.6875,
5.0213

 21.7442, 17.8860,
7.6481

 23.4881, 20.4440,
11.0957

■ 25.5460, 23.3775,
15.4266

■ 27.9338, 26.7017,
20.6970

■ 30.6662, 30.4308,
26.9584

■ 33.7568, 34.5784,
34.2586

Harmonies

Analogous

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



21.4118, 11.0572, 5.4696



17.5146, 11.0572, 1.2111



12.2970, 11.0572, 0.1166

Triad

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



17.5146, 11.0572, 1.2111



3.9537, 11.0572, 7.8089



13.7041, 11.0572, 56.0028

Complementary

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



17.5146, 11.0572, 1.2111



12.9721, 14.6357, 39.1867

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.



8.9043, 11.0572, 58.6562



17.5146, 11.0572, 1.2111



4.1268, 11.0572, 22.4724

Square

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



17.5146, 11.0572, 1.2111



5.1039, 11.0572, 1.8539



5.6767, 11.0572, 43.5376



18.8021, 11.0572, 37.7775

Rectangle

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



17.5146, 11.0572, 1.2111



9.1649, 11.0572, 0.0895



5.6767, 11.0572, 43.5376



11.9796, 11.0572, 59.0756

Sweetspot

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



17.5148, 11.0579, 1.2113



50.4357, 48.1034, 36.9849



19.2313, 9.5580, 16.9906



10.5990, 9.9390, 7.1833



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.5148, 11.0579, 1.2113



31.6085, 19.7161, 2.1396



25.1223, 26.2728, 3.7471



7.7243, 7.9286, 7.9125



13.2691, 8.4355, 0.9289



0.3692, 0.2980, 0.0381

Inverse Universe

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



12.9721, 14.6357, 39.1867



23.3367, 26.1522, 71.0430



7.5526, 3.7967, 37.3802



7.5374, 8.1118, 9.5868



9.8442, 11.1487, 29.6086



0.2832, 0.3586, 0.7349

Previews

White Background



This preview shows how the XYZ color 17.5146, 11.0572, 1.2111 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 17.5146, 11.0572, 1.2111

Background



This preview shows how black text looks on a background with the XYZ color 17.5146, 11.0572, 1.2111.



This preview shows how white text looks on a background with the XYZ color 17.5146, 11.0572,

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

17.5146, 11.0572, 1.2111

Protanopia

10.1452, 11.2923, 2.2172

Deuteranopia

11.2639, 11.2343, 1.5748



Tritanopia

18.2119, 11.0690, 4.6667

Trichromacy



Original Color

17.5146, 11.0572, 1.2111

Protanomaly

11.9823, 10.4286, 1.6980

Deuteranomaly

12.9704, 10.6261, 1.3674

Tritanomaly

17.8789, 11.0065, 2.6955

Monochromacy



Original Color

17.5146, 11.0572, 1.2111

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.9646, 8.5995, 4.5028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5146, 11.0572, 1.2111 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(168, 55, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 55, 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(168, 55, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 55, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.5146, 11.0572, 1.2111 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(168, 55, 0) }
```


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

```
.border{ border-color:rgb(168, 55, 0) }
```

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

Here you see how a box with a 4 pixel rgb(168, 55, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 55, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 55, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 55, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.5146, 11.0572, 1.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 55, 0) }
```

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

```
.background{ background-color: rgb(168, 55,  
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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