

Converting Colors

XYZ(11.1663, 6.4270, 0.6520)

Have a look what the booklet for
XYZ(11.1663, 6.4270, 0.6520)
contains.

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Color

**XYZ(11.1117, 6.4175,
0.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	8B1E00
RGB	139, 30, 0
RGB Percent	55%, 12%, 0%
CMY	0.4549, 0.8823, 1.0000
CMYK	0.00, 0.78, 1.00, 0.45
HSL	13°, 100%, 27%
HSV	13°, 100%, 55%
XYZ	11.1117, 6.4175, 0.6531
YIQ	59.1710, 74.5940, 13.7780

Conversions

Conversions Part 2

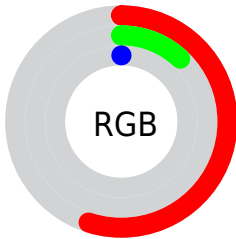
Format	Color
R_{YB}	139, 38, 0
Decimal	9117184
CIE _{Lab}	30.44, 44.30, 43.15
CIE _{LCh}	30, 61.840, 44.242
Yxy	6.4175, 0.6111, 0.3530
Android (android.graphics.Color)	4287307264 (0xFF8B1E00)
YUV	59.1710, -29.1713, 70.0100
Hunter-Lab	25.3328, 33.9629, 16.2044

Details

The XYZ color **11.1117, 6.4175, 0.6531** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.1281, 12.7999, 26.3626**, and the grayscale version is **4.2126, 4.4320, 4.8264**.

A 20% lighter version of the original color is **27.5232, 18.8334, 4.9809**, and **3.3083, 1.7055, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **11.1118, 6.4178, 0.6531**, and if you desaturate by 10%, it is **11.5157, 7.0999, 1.1755**.

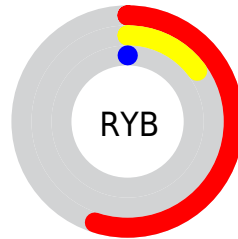
Distribution



Red (55%)

Green (12%)

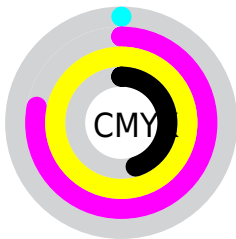
Blue (0%)



Red (55%)

Yellow (15%)

Blue (0%)

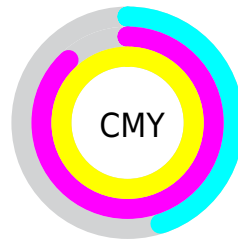


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (88%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1117, 6.4175, 0.6531 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 11.1117, 6.4175, 0.6531 by changing the saturation by 10% instead.


 11.1117, 6.4175,
0.6531


 11.1117, 6.4175,
0.6531


 192.3248,
162.7319, 96.4836


 6.2099, 3.1006,
0.0000


 27.4977, 18.7914,
4.9563


 3.0150, 1.1845,
0.0000

 39.7125, 28.6172,
9.4828


 1.1617, 0.0490,
0.0000

 55.0957, 41.3813,
16.1613

 0.0758, 0.0000,
0.0000


 74.0126, 57.4683,
25.4104


 0.0000, 0.0000,
0.0000


 96.8286, 77.2624,
37.6486


 123.9091,


101.1481, 53.2946

 155.6194,
129.5098, 72.7667

 11.1117, 6.4175,
0.6531


 11.1117, 6.4175,
0.6531


 11.1118, 6.4178,
0.6531

 11.5157, 7.0999,
1.1755

 12.0740, 8.0106,
1.9961

 12.8212, 9.1765,
3.2582

 13.7740, 10.6156,
5.0136

 14.9468, 12.3442,
7.3072

■ 16.3530, 14.3771,
10.1784

■ 18.0045, 16.7283,
13.6632

■ 19.9126, 19.4109,
17.7945

■ 22.0880, 22.4371,
22.6028

Harmonies

Analogous

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



13.3831, 6.4175, 3.7135



11.1117, 6.4175, 0.6531



7.7672, 6.4175, 0.0000

Triad

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



11.1117, 6.4175, 0.6531



2.1164, 6.4175, 3.4486



7.5987, 6.4175, 37.3565

Complementary

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



11.1117, 6.4175, 0.6531



10.1281, 12.7999, 26.3626

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.



4.6897, 6.4175, 37.0186



11.1117, 6.4175, 0.6531



2.0974, 6.4175, 11.7751

Square

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



11.1117, 6.4175, 0.6531



2.9447, 6.4175, 0.5722



2.8801, 6.4175, 25.4620



10.9547, 6.4175, 26.1859

Rectangle

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



11.1117, 6.4175, 0.6531



5.6910, 6.4175, 0.0000



2.8801, 6.4175, 25.4620



6.5274, 6.4175, 38.7594

Sweetspot

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



11.1118, 6.4179, 0.6532



32.0360, 29.6646, 24.0256



13.5276, 6.6411, 15.6656



7.1183, 6.4614, 4.9760



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.1118, 6.4179, 0.6532



19.7961, 11.2864, 1.1351



14.9498, 14.0939, 1.9325



5.1148, 5.2124, 5.2889



10.0401, 5.8145, 0.5931



0.0758, 0.0568, 0.0070

Inverse Universe

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



10.1281, 12.7999, 26.3626



18.0135, 22.6740, 47.1701



5.4776, 3.4989, 24.8124



5.0828, 5.5085, 6.4012



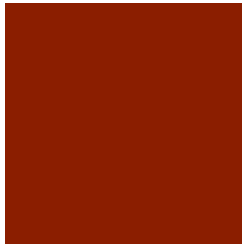
9.1538, 11.5780, 23.7980



0.0713, 0.0980, 0.1616

Previews

White Background



This preview shows how the XYZ color 11.1117, 6.4175, 0.6531 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.1117, 6.4175, 0.6531

Background



This preview shows how black text looks on a background with the XYZ color 11.1117, 6.4175, 0.6531.



This preview shows how white text looks on a background with the XYZ color 11.1117, 6.4175,

0.6531.

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

11.1117, 6.4175, 0.6531

Protanopia

6.1096, 6.7740, 1.4757

Deuteranopia

6.7044, 6.7075, 0.9413



Tritanopia

11.2723, 6.4033, 1.7405

Trichromacy



Original Color

11.1117, 6.4175, 0.6531

Protanomaly

7.1614, 5.9316, 1.0546

Deuteranomaly

7.7966, 6.0474, 0.7563

Tritanomaly

11.1960, 6.4114, 1.2197

Monochromacy



Original Color

11.1117, 6.4175, 0.6531

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

5.4313, 4.3286, 2.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1117, 6.4175, 0.6531 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(139, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 30, 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(139, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 30, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.1117, 6.4175, 0.6531 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(139, 30, 0) }
```


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

```
.border{ border-color:rgb(139, 30, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 30, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 30, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 30, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 30, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.1117, 6.4175, 0.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 30, 0) }
```

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

```
.background{ background-color: rgb(139, 30,  
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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