

Converting Colors

XYZ(11.1135, 6.1091, 0.5939)

Have a look what the booklet for
XYZ(11.1135, 6.1091, 0.5939)
contains.

XYZ(11.0654, 6.0758, 0.5895)	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(11.0654, 6.0758,
0.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1400
RGB	140, 20, 0
RGB Percent	55%, 8%, 0%
CMY	0.4510, 0.9215, 1.0000
CMYK	0.00, 0.86, 1.00, 0.45
HSL	9°, 100%, 27%
HSV	9°, 100%, 55%
XYZ	11.0654, 6.0758, 0.5895
YIQ	53.6000, 77.9400, 19.2200

Conversions

Conversions Part 2

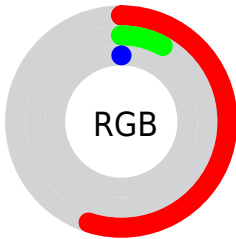
Format	Color
R_{YB}	140, 23, 0
Decimal	9180160
CIE Lab	29.60, 47.58, 42.61
CIE LCh	30, 63.869, 41.844
Yxy	6.0758, 0.6241, 0.3427
Android (android.graphics.Color)	4287370240 (0xFF8C1400)
YUV	53.6000, -26.4248, 75.7728
Hunter-Lab	24.6491, 36.9956, 15.8364

Details

The XYZ color **11.0654, 6.0758, 0.5895** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **11.4484, 15.3231, 27.1650**, and the grayscale version is **3.4826, 3.6639, 3.9900**.

A 20% lighter version of the original color is **27.3249, 18.0715, 4.7373**, and **3.3083, 1.7055, 0.1548** is the 20% darker color. If you saturate the color by 10%, you get **11.0655, 6.0762, 0.5896**, and if you desaturate by 10%, it is **11.4112, 6.6408, 1.0958**.

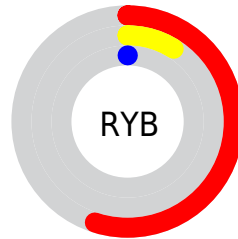
Distribution



Red (55%)

Green (8%)

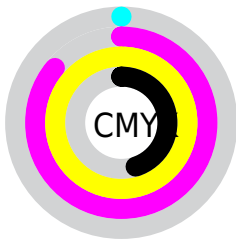
Blue (0%)



Red (55%)

Yellow (9%)

Blue (0%)

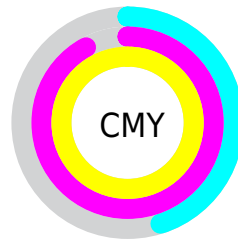


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (92%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0654, 6.0758, 0.5895 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 11.0654, 6.0758, 0.5895 by changing the saturation by 10% instead.


 11.0654, 6.0758,
0.5895


 11.0654, 6.0758,
0.5895


 192.0147,
159.7471, 95.1194


 6.1785, 2.8912,
0.0000


 27.4129, 18.0882,
4.7693


 2.9956, 1.0752,
0.0000

 39.6042, 27.6848,
9.1938


 1.1514, 0.0000,
0.0000

 54.9610, 40.1875,
15.7483

 0.0675, 0.0000,
0.0000

 73.8486, 55.9808,
24.8513

 0.0000, 0.0000,
0.0000


 96.6324, 75.4490,
36.9214


 123.6778, 98.9765,


52.3771

 155.3501,
126.9478, 71.6369

 11.0654, 6.0758,
0.5895


 11.0654, 6.0758,
0.5895


 11.0655, 6.0762,
0.5896

 11.4112, 6.6408,
1.0958

 11.9258, 7.4614,
1.9102

 12.6477, 8.5718,
3.1784

 13.5965, 9.9961,
4.9542

 14.7898, 11.7558,
7.2839

■ 16.2429, 13.8707,
10.2087

■ 17.9704, 16.3586,
13.7656

■ 19.9854, 19.2366,
17.9888

■ 22.3003, 22.5203,
22.9100

Harmonies

Analogous

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



13.2220, 6.0758, 3.8275



11.0654, 6.0758, 0.5895



7.7125, 6.0758, 0.0000

Triad

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



11.0654, 6.0758, 0.5895



1.9074, 6.0758, 2.7563



7.0091, 6.0758, 38.2625

Complementary

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



11.0654, 6.0758, 0.5895



11.4484, 15.3231, 27.1650

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.



4.1924, 6.0758, 36.8013



11.0654, 6.0758, 0.5895



1.8318, 6.0758, 10.5069

Square

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



11.0654, 6.0758, 0.5895



2.7747, 6.0758, 0.2419



2.5145, 6.0758, 24.2514



10.4030, 6.0758, 27.3593

Rectangle

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



11.0654, 6.0758, 0.5895



5.5956, 6.0758, 0.0000



2.5145, 6.0758, 24.2514



5.9579, 6.0758, 39.3517

Sweetspot

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



11.0655, 6.0762, 0.5896



31.4756, 28.5438, 23.8388



14.2868, 6.9641, 18.7876



6.9807, 6.1862, 4.9302



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.



11.0655, 6.0762, 0.5896



19.4346, 10.5633, 1.0146



14.3598, 12.6648, 1.6877



5.0869, 5.1565, 5.2796



9.8419, 5.4183, 0.5271



0.0718, 0.0487, 0.0056

Inverse Universe

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



11.4484, 15.3231, 27.1650



20.0951, 26.8372, 47.8639



5.9320, 4.2903, 25.3262



5.1130, 5.5688, 6.4113



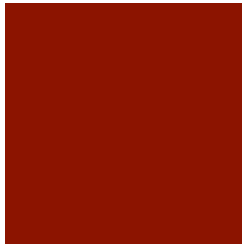
10.1834, 13.6371, 24.1412



0.0754, 0.1061, 0.1630

Previews

White Background



This preview shows how the XYZ color 11.0654, 6.0758, 0.5895 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

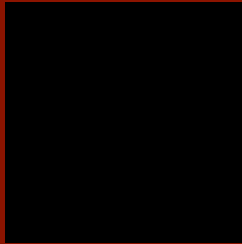
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0654, 6.0758, 0.5895

Background



This preview shows how black text looks on a background with the XYZ color 11.0654, 6.0758, 0.5895.



This preview shows how white text looks on a background with the XYZ color 11.0654, 6.0758,

0.5895.

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

11.0654, 6.0758, 0.5895

Protanopia

5.8119, 6.4245, 1.4641

Deuteranopia

6.3815, 6.3584, 0.8910



Tritanopia

11.1493, 6.0817, 1.1166

Trichromacy



Original Color

11.0654, 6.0758, 0.5895

Protanomaly

6.8130, 5.3951, 0.9989

Deuteranomaly

7.4905, 5.6189, 0.6898

Tritanomaly

11.1085, 6.0654, 0.9019

Monochromacy



Original Color

11.0654, 6.0758, 0.5895

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

4.8630, 3.7027, 1.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0654, 6.0758, 0.5895 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(140, 20, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 20, 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(140, 20, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 20, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.0654, 6.0758, 0.5895 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(140, 20, 0) }
```


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

```
.border{ border-color:rgb(140, 20, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 20, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 20, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 20, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 20, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0654, 6.0758, 0.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 20, 0) }
```

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

```
.background{ background-color: rgb(140, 20,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor