

Converting Colors

XYZ(11.3448, 5.9251, 0.5457)

Have a look what the booklet for
XYZ(11.3448, 5.9251, 0.5457)
contains.

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Color

**XYZ(11.3820, 5.9482,
0.5482)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0500
RGB	143, 5, 0
RGB Percent	56%, 2%, 0%
CMY	0.4392, 0.9803, 1.0000
CMYK	0.00, 0.96, 1.00, 0.44
HSL	2°, 100%, 28%
HSV	2°, 100%, 56%
XYZ	11.3820, 5.9482, 0.5482
YIQ	45.6920, 83.8530, 27.7010

Conversions

Conversions Part 2

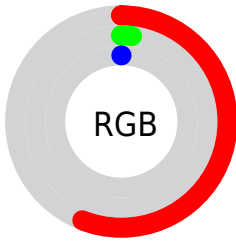
Format	Color
R_YB	143, 5, 0
Decimal	9372928
CIE Lab	29.28, 51.27, 42.64
CIE LCh	29, 66.689, 39.751
Yxy	5.9482, 0.6366, 0.3327
Android (android.graphics.Color)	4287563008 (0xFF8F0500)
YUV	45.6920, -22.5262, 85.3391
Hunter-Lab	24.3889, 40.6230, 15.7396

Details

The XYZ color **11.3820, 5.9482, 0.5482** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.0435, 20.1544, 29.1365**, and the grayscale version is **2.5825, 2.7170, 2.9588**.

A 20% lighter version of the original color is **28.0073, 17.8191, 4.6526**, and **3.5673, 1.8390, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **11.3821, 5.9486, 0.5483**, and if you desaturate by 10%, it is **11.6388, 6.3317, 1.0349**.

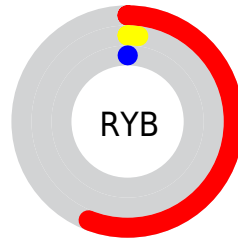
Distribution



Red (56%)

Green (2%)

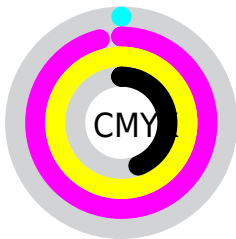
Blue (0%)



Red (56%)

Yellow (2%)

Blue (0%)

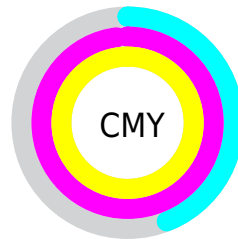


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3820, 5.9482, 0.5482 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 11.3820, 5.9482, 0.5482 by changing the saturation by 10% instead.


 11.3820, 5.9482,
0.5482


 11.3820, 5.9482,
0.5482


 194.1245,
158.6136, 94.2404


 6.3936, 2.8136,
0.0000


 27.9912, 17.8236,
4.6504

 3.1288, 1.0352,
0.0000

 40.3426, 27.3331,
9.0094

 1.2222, 0.0000,
0.0000

 55.8791, 39.7364,
15.4840

 0.1238, 0.0000,
0.0000

 74.9659, 55.4179,
24.4928


 0.0000, 0.0000,
0.0000


 97.9686, 74.7620,
36.4542


 125.2523, 98.1530,


51.7870

 157.1825,
125.9754, 70.9095


 11.3820, 5.9482,
0.5482


 11.3820, 5.9482,
0.5482


 11.3821, 5.9486,
0.5483

 11.6388, 6.3317,
1.0349

 12.0777, 6.9929,
1.8498

 12.7551, 7.9998,
3.1477

 13.6981, 9.3910,
4.9878

 14.9305, 11.1998,
7.4206

■ 16.4733, 13.4562,
10.4909

■ 18.3454, 16.1871,
14.2394

■ 20.5646, 19.4174,
18.7032

■ 23.1470, 23.1703,
23.9167

Harmonies

Analogous

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



13.5042, 5.9482, 4.0527



11.3820, 5.9482, 0.5482



7.9058, 5.9482, 0.0000

Triad

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



11.3820, 5.9482, 0.5482



1.7733, 5.9482, 2.2632



6.6930, 5.9482, 40.4683

Complementary

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



11.3820, 5.9482, 0.5482



14.0435, 20.1544, 29.1365

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.



3.8757, 5.9482, 37.8600



11.3820, 5.9482, 0.5482



1.6496, 5.9482, 9.7138

Square

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



11.3820, 5.9482, 0.5482



2.6986, 5.9482, 0.0000



2.2660, 5.9482, 23.9419



10.2279, 5.9482, 29.4514

Rectangle

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



11.3820, 5.9482, 0.5482



5.6788, 5.9482, 0.0000



2.2660, 5.9482, 23.9419



5.6284, 5.9482, 41.2866

Sweetspot

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



11.3821, 5.9486, 0.5483



32.6232, 28.6524, 25.0376



15.9320, 7.6813, 24.7763



7.1775, 6.1279, 5.1329



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.3821, 5.9486, 0.5483



20.3571, 10.5998, 0.9730



13.9305, 11.0453, 1.3977



5.4231, 5.4526, 5.6560



10.0673, 5.2663, 0.4859



0.0987, 0.0552, 0.0055

Inverse Universe

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



14.0435, 20.1544, 29.1365



25.1226, 36.0390, 52.1702



6.9492, 5.9658, 26.7717



5.5443, 6.0843, 6.9109



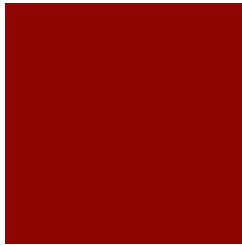
12.4205, 17.8269, 25.7634



0.1220, 0.1770, 0.2474

Previews

White Background



This preview shows how the XYZ color 11.3820, 5.9482, 0.5482 looks on a white background.

Color Contrast Check

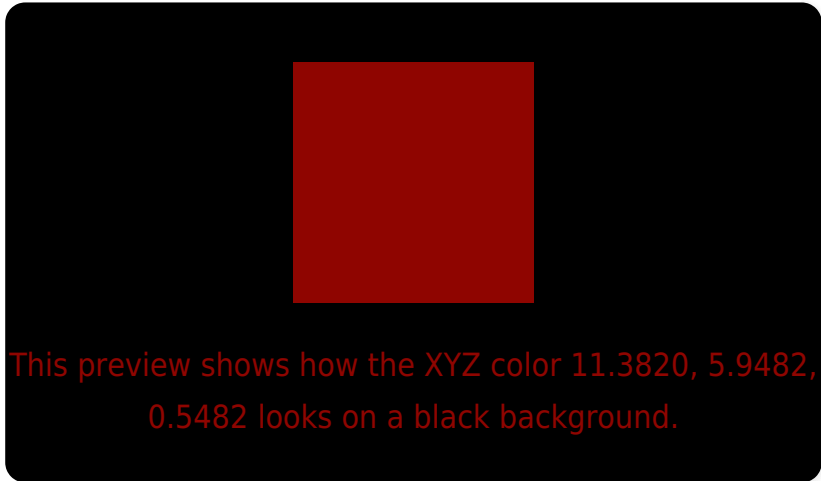
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3820, 5.9482, 0.5482

Background



This preview shows how black text looks on a background with the XYZ color 11.3820, 5.9482, 0.5482.



This preview shows how white text looks on a background with the XYZ color 11.3820, 5.9482,

0.5482.

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

11.3820, 5.9482, 0.5482

Protanopia

5.8199, 6.4277, 1.5062

Deuteranopia

6.4425, 6.4804, 0.9113



Tritanopia

11.2993, 6.0386, 0.5700

Trichromacy



Original Color

11.3820, 5.9482, 0.5482

Protanomaly

6.8263, 5.0811, 0.9376

Deuteranomaly

7.4074, 5.2690, 0.6266

Tritanomaly

11.2639, 5.9679, 0.5582

Monochromacy



Original Color

11.3820, 5.9482, 0.5482

Achromatopsia

2.5969, 2.7321, 2.9752

Achromatomaly

4.1051, 2.8180, 1.4900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3820, 5.9482, 0.5482 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(143, 5, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 5, 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(143, 5, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 5, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.3820, 5.9482, 0.5482 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(143, 5, 0) }
```


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

```
.border{ border-color:rgb(143, 5, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 5, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 5, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(143, 5, 0); box-shadow:4px  
4px 4px 4px rgb(143, 5, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3820, 5.9482, 0.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 5, 0) }
```

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

```
.background{ background-color: rgb(143, 5,  
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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