

Converting Colors

XYZ(11.5673, 5.9315, 1.9726)

Have a look what the booklet for
XYZ(11.5673, 5.9315, 1.9726)
contains.

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Color

**XYZ(11.6022, 5.9494,
1.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0021
RGB	143, 0, 33
RGB Percent	56%, 0%, 13%
CMY	0.4392, 0.9999, 0.8706
CMYK	0.00, 1.00, 0.77, 0.44
HSL	346°, 100%, 28%
HSV	346°, 100%, 56%
XYZ	11.6022, 5.9494, 1.9757
YIQ	46.5190, 74.6350, 40.5790

Conversions

Conversions Part 2

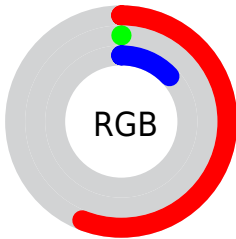
Format	Color
RYB	143, 0, 33
Decimal	9371681
CIELab	29.28, 52.84, 25.52
CIELCh	29, 58.679, 25.781
Yxy	5.9494, 0.5942, 0.3047
Android (android.graphics.Color)	4287561761 (0xFF8F0021)
YUV	46.5190, -6.6649, 84.6138
Hunter-Lab	24.3914, 42.2218, 12.2715

Details

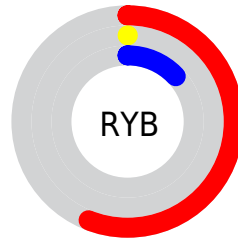
The XYZ color **11.6022, 5.9494, 1.9757** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **12.6380, 20.7711, 18.0995**, and the grayscale version is **2.6532, 2.7914, 3.0399**.

A 20% lighter version of the original color is **28.4946, 17.8797, 8.9705**, and **3.6562, 1.8848, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **11.6020, 5.9493, 1.9748**, and if you desaturate by 10%, it is **11.9436, 6.3441, 2.9781**.

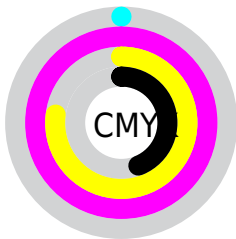
Distribution



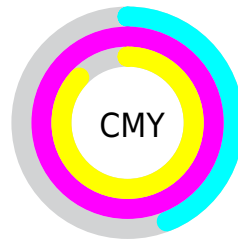
- Red (56%)
- Green (0%)
- Blue (13%)



- Red (56%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6022, 5.9494, 1.9757 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 11.6022, 5.9494, 1.9757 by changing the saturation by 10% instead.

■ 11.6022, 5.9494,
1.9757

■ 11.6022, 5.9494,
1.9757

195.5778,
158.6243, 121.9983

■ 6.5437, 2.8143,
0.5403

■ 28.3917, 17.8261,
8.9743

■ 3.2222, 1.0356,
0.0000

■ 40.8533, 27.3364,
15.4336

■ 1.2723, 0.0000,
0.0000

■ 56.5135, 39.7407,
24.4243

■ 0.1624, 0.0000,
0.0000

■ 75.7373, 55.4233,
36.3650

■ 0.0000, 0.0000,
0.0000

■ 98.8904, 74.7685,
51.6743


■ 126.3379, 98.1608,


70.7705

 158.4453,
125.9846, 94.0723


 11.6022, 5.9494,
1.9757


 11.6022, 5.9494,
1.9757


 11.6020, 5.9493,
1.9748

 11.9436, 6.3441,
2.9781

 12.4473, 6.9755,
4.3051

 13.1720, 7.9547,
5.9960

 14.1412, 9.3232,
8.0764

 15.3756, 11.1167,
10.5693

■ 16.8933, 13.3669,
13.4960

■ 18.7109, 16.1023,
16.8762

■ 20.8438, 19.3491,
20.7285

■ 23.3062, 23.1317,
25.0703

Harmonies

Analogous

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



12.4179, 5.9494, 7.6129



11.6022, 5.9494, 1.9757



9.0348, 5.9494, 0.1377

Triad

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



11.6022, 5.9494, 1.9757



2.3991, 5.9494, 1.2467



5.2878, 5.9494, 34.6888

Complementary

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



11.6022, 5.9494, 1.9757



12.6380, 20.7711, 18.0995

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.



3.2443, 5.9494, 27.6153



11.6022, 5.9494, 1.9757



1.9412, 5.9494, 5.4617

Square

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



11.6022, 5.9494, 1.9757



3.7140, 5.9494, 0.0000



2.1935, 5.9494, 15.1329



8.1754, 5.9494, 30.5378

Rectangle

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



11.6022, 5.9494, 1.9757



7.0022, 5.9494, 0.0000



2.1935, 5.9494, 15.1329



4.4923, 5.9494, 33.4553

Sweetspot

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



11.6023, 5.9498, 1.9758



33.2816, 28.4933, 29.8068



11.3434, 5.2753, 26.4068



7.3382, 6.0904, 6.2928



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.



11.6023, 5.9498, 1.9758



20.7211, 10.6319, 3.2399



12.0255, 7.2352, 0.7632



5.4567, 5.4432, 5.9029



10.2655, 5.2632, 1.7834



0.1054, 0.0532, 0.0554

Inverse Universe

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



11.6023, 5.9498, 1.9758



20.7211, 10.6319, 3.2399



9.9965, 12.0601, 27.7874



5.4567, 5.4432, 5.9029



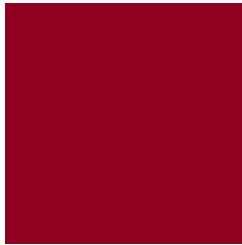
10.2655, 5.2632, 1.7834



0.1054, 0.0532, 0.0554

Previews

White Background



This preview shows how the XYZ color 11.6022, 5.9494, 1.9757 looks on a white background.

Color Contrast Check

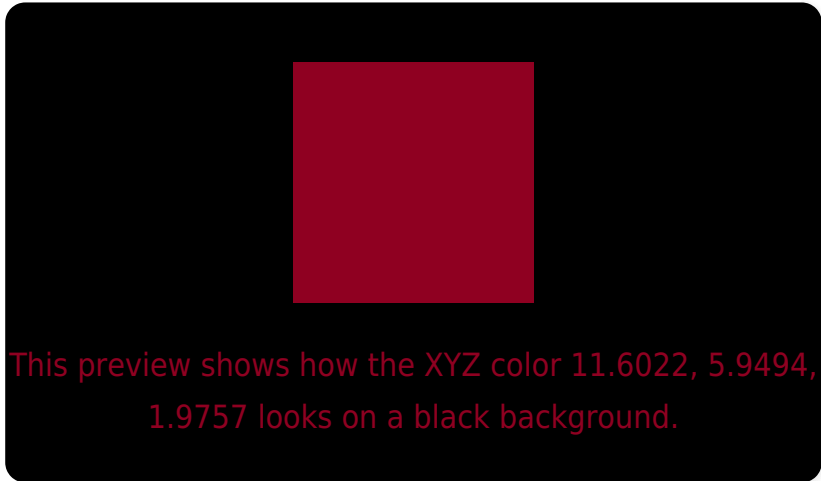
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6022, 5.9494, 1.9757

Background



This preview shows how black text looks on a background with the XYZ color 11.6022, 5.9494, 1.9757.



This preview shows how white text looks on a background with the XYZ color 11.6022, 5.9494,

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

11.6022, 5.9494, 1.9757

Protanopia

6.0350, 6.4847, 3.9512

Deuteranopia

6.6074, 6.5463, 1.7795



Tritanopia

11.5231, 6.1691, 0.7844

Trichromacy



Original Color

11.6022, 5.9494, 1.9757

Protanomaly

6.9111, 4.9606, 2.9761

Deuteranomaly

7.5289, 5.1955, 1.6429

Tritanomaly

11.5189, 6.0724, 1.0552

Monochromacy



Original Color

11.6022, 5.9494, 1.9757

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.3619, 2.8896, 2.5183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6022, 5.9494, 1.9757 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, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 33)  
}
```

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, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 33) }
```

Border

The CSS property to change the border of an element to XYZ 11.6022, 5.9494, 1.9757 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, 0, 33) }
```


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

```
.border{ border-color:rgb(143, 0, 33) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(143, 0, 33)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6022, 5.9494, 1.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 33) }
```

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

```
.background{ background-color: rgb(143, 0,  
33) }
```

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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