

Converting Colors

XYZ(11.6377, 6.1752, 0.6647)

Have a look what the booklet for
XYZ(11.6377, 6.1752, 0.6647)
contains.

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Color

**XYZ(11.6377, 6.1752,
0.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	900B03
RGB	144, 11, 3
RGB Percent	56%, 4%, 1%
CMY	0.4353, 0.9568, 0.9882
CMYK	0.00, 0.92, 0.98, 0.44
HSL	3°, 96%, 29%
HSV	3°, 98%, 56%
XYZ	11.6377, 6.1752, 0.6647
YIQ	49.8550, 81.8360, 25.7080

Conversions

Conversions Part 2

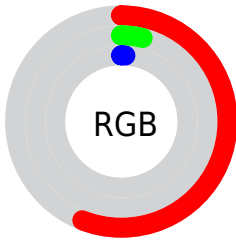
Format	Color
RYB	144, 11, 3
Decimal	9440003
CIELab	29.85, 50.65, 41.96
CIElCh	30, 65.774, 39.637
Yxy	6.1752, 0.6298, 0.3342
Android (android.graphics.Color)	4287630083 (0xFF900B03)
YUV	49.8550, -23.0995, 82.5652
Hunter-Lab	24.8499, 40.1075, 15.8090

Details

The XYZ color **11.6377, 6.1752, 0.6647** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.8730, 19.6359, 29.4443**, and the grayscale version is **3.0352, 3.1933, 3.4775**.

A 20% lighter version of the original color is **28.5241, 18.3757, 4.9492**, and **3.6562, 1.8848, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **11.5904, 6.1070, 0.5679**, and if you desaturate by 10%, it is **11.9450, 6.6493, 1.2007**.

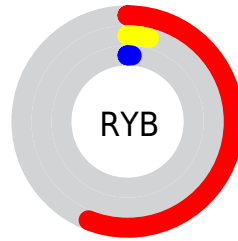
Distribution



Red (56%)

Green (4%)

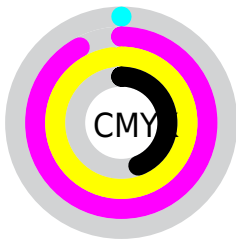
Blue (1%)



Red (56%)

Yellow (4%)

Blue (1%)

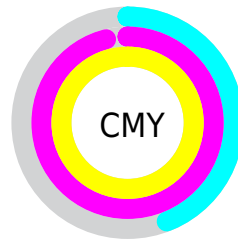


Cyan (0%)

Magenta (92%)

Yellow (98%)

Black (44%)



Cyan (44%)


Magenta (96%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6377, 6.1752, 0.6647 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 11.6377, 6.1752, 0.6647 by changing the saturation by 10% instead.


 11.6377, 6.1752,
0.6647


 11.6377, 6.1752,
0.6647


 195.8111,
160.6228, 96.7338


 6.5679, 2.9519,
0.0000


 28.4561, 18.2936,
4.9909


 3.2373, 1.1067,
0.0000

 40.9355, 27.9574,
9.5361


 1.2805, 0.0000,
0.0000

 56.6154, 40.5369,
16.2374

 0.1685, 0.0000,
0.0000

 75.8613, 56.4164,
25.5132

 0.0000, 0.0000,
0.0000

 99.0384, 75.9804,
37.7823

 126.5122, 99.6132,


53.4630


 158.6480,
127.6992, 72.9740


 11.6377, 6.1752,
0.6647


 11.6377, 6.1752,
0.6647


 11.5904, 6.1070,
0.5679

 11.9450, 6.6493,
1.2007

 12.4584, 7.4303,
2.1299

 13.2160, 8.5629,
3.5617

 14.2431, 10.0820,
5.5539

 15.5620, 12.0182,
8.1562

■ 17.1926, 14.3993,
11.4127

■ 19.1529, 17.2505,
15.3637

■ 21.4599, 20.5950,
20.0460

■ 24.1291, 24.4547,
25.4941

Harmonies

Analogous

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



13.7498, 6.1752, 4.2873



11.6377, 6.1752, 0.6647



8.1537, 6.1752, 0.0000

Triad

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



11.6377, 6.1752, 0.6647



1.9113, 6.1752, 2.4114



6.9060, 6.1752, 40.5536

Complementary

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



11.6377, 6.1752, 0.6647



13.8730, 19.6359, 29.4443

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.



4.0572, 6.1752, 37.9223



11.6377, 6.1752, 0.6647



1.7802, 6.1752, 9.9429

Square

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



11.6377, 6.1752, 0.6647



2.8685, 6.1752, 0.0569



2.4143, 6.1752, 24.1179



10.4575, 6.1752, 29.6985

Rectangle

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



11.6377, 6.1752, 0.6647



5.9065, 6.1752, 0.0000



2.4143, 6.1752, 24.1179



5.8323, 6.1752, 41.3423

Sweetspot

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



11.6378, 6.1756, 0.6648



33.1594, 29.5224, 25.8403



16.0458, 7.7991, 24.3076



7.2921, 6.3165, 5.2961



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.



11.6378, 6.1756, 0.6648



20.4011, 10.6879, 0.9877



14.4270, 11.7540, 1.5945



5.4320, 5.4703, 5.6589



10.0993, 5.3302, 0.4965



0.1005, 0.0588, 0.0061

Inverse Universe

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



13.8730, 19.6359, 29.4443



24.3188, 34.4314, 51.9022



7.0462, 5.9822, 27.1686



5.5344, 6.0645, 6.9076



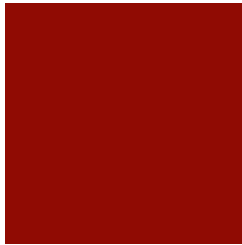
12.0332, 17.0524, 25.6343



0.1202, 0.1734, 0.2468

Previews

White Background



This preview shows how the XYZ color 11.6377, 6.1752, 0.6647 looks on a white background.

Color Contrast Check

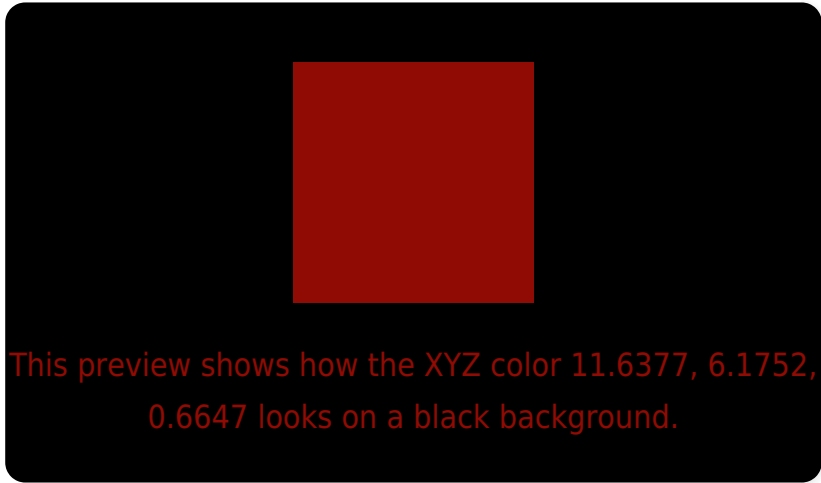
Large Text (above 18pt) WCAG AA ✓ Pass

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

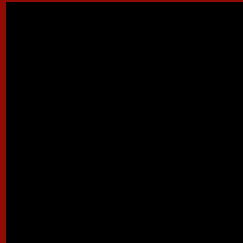
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6377, 6.1752, 0.6647

Background



This preview shows how black text looks on a background with the XYZ color 11.6377, 6.1752, 0.6647.



This preview shows how white text looks on a background with the XYZ color 11.6377, 6.1752,

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

11.6377, 6.1752, 0.6647

Protanopia

5.9798, 6.6059, 1.5760

Deuteranopia

6.5418, 6.5316, 0.9159



Tritanopia

11.6455, 6.2171, 0.5862

Trichromacy



Original Color

11.6377, 6.1752, 0.6647

Protanomaly

7.0389, 5.3135, 1.0354

Deuteranomaly

7.6180, 5.4956, 0.6880

Tritanomaly

11.6385, 6.1944, 0.6109

Monochromacy



Original Color

11.6377, 6.1752, 0.6647

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

4.5615, 3.2564, 1.8270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6377, 6.1752, 0.6647 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(144, 11, 3)` looks like.

```
.text, #text, p{  
    color:rgb(144, 11, 3)  
}
```

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(144, 11, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 11, 3) }
```

Border

The CSS property to change the border of an element to XYZ 11.6377, 6.1752, 0.6647 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(144, 11, 3) }
```


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

```
.border{ border-color:rgb(144, 11, 3) }
```

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

Here you see how a box with a 4 pixel rgb(144, 11, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 11, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 11, 3);  
box-shadow:4px 4px 4px 4px rgb(144, 11, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6377, 6.1752, 0.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 11, 3) }
```

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

```
.background{ background-color: rgb(144, 11,  
3) }
```

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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