

Converting Colors

XYZ(11.7767, 6.0667, 0.7486)

Have a look what the booklet for
XYZ(11.7767, 6.0667, 0.7486)
contains.

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Color

**XYZ(11.7154, 6.0351,
0.7484)**

Conversions

Conversions Part 1

Format	Color
Hex	910007
RGB	145, 0, 7
RGB Percent	57%, 0%, 3%
CMY	0.4314, 0.9999, 0.9726
CMYK	0.00, 1.00, 0.95, 0.43
HSL	357°, 100%, 28%
HSV	357°, 100%, 57%
XYZ	11.7154, 6.0351, 0.7484
YIQ	44.1530, 84.1730, 32.9170

Conversions

Conversions Part 2

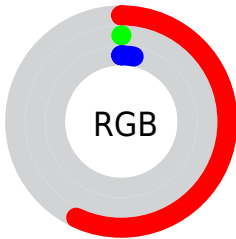
Format	Color
R_YB	145, 0, 7
Decimal	9502727
CIE Lab	29.50, 52.71, 40.16
CIE LCh	30, 66.265, 37.303
Yxy	6.0351, 0.6333, 0.3262
Android (android.graphics.Color)	4287692807 (0xFF910007)
YUV	44.1530, -18.3164, 88.4428
Hunter-Lab	24.5664, 42.1329, 15.3903

Details

The XYZ color **11.7154, 6.0351, 0.7484** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.7146, 22.0864, 27.5405**, and the grayscale version is **2.4221, 2.5482, 2.7750**.

A 20% lighter version of the original color is **28.6052, 18.0198, 5.2193**, and **3.6562, 1.8848, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **11.7152, 6.0350, 0.7478**, and if you desaturate by 10%, it is **11.9746, 6.4014, 1.3043**.

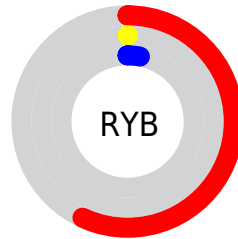
Distribution



Red (57%)

Green (0%)

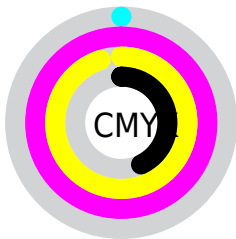
Blue (3%)



Red (57%)

Yellow (0%)

Blue (3%)

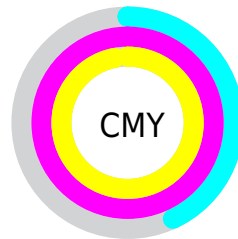


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (43%)



Cyan (43%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7154, 6.0351, 0.7484 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 11.7154, 6.0351, 0.7484 by changing the saturation by 10% instead.


 11.7154, 6.0351,
0.7484


 11.7154, 6.0351,
0.7484


 196.3206,
159.3867, 98.5521


 6.6210, 2.8664,
0.0000


 28.5971, 18.0039,
5.2456


 3.2704, 1.0624,
0.0000

 41.1151, 27.5728,
9.9269


 1.2983, 0.0000,
0.0000

 56.8383, 40.0440,
16.7934

 0.1820, 0.0000,
0.0000

 76.1321, 55.8017,
26.2636


 0.0000, 0.0000,
0.0000


 99.3619, 75.2305,
38.7561


 126.8930, 98.7146,

54.6893


 159.0908,
126.6386, 74.4818


 11.7154, 6.0351,
0.7484

 11.7154, 6.0351,
0.7484


 11.7152, 6.0350,
0.7478

 11.9746, 6.4014,
1.3043

 12.4143, 7.0185,
2.2598

 13.1018, 8.0023,
3.6944

 14.0663, 9.3980,
5.6600

 15.3330, 11.2440,
8.2014

■ 16.9243, 13.5745,
11.3590

■ 18.8605, 16.4202,
15.1694

■ 21.1601, 19.8094,
19.6664

■ 23.8405, 23.7685,
24.8814

Harmonies

Analogous

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



13.6519, 6.0351, 4.6736



11.7154, 6.0351, 0.7484



8.2848, 6.0351, 0.0000

Triad

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



11.7154, 6.0351, 0.7484



1.8704, 6.0351, 2.0127



6.5075, 6.0351, 40.7904

Complementary

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



11.7154, 6.0351, 0.7484



14.7146, 22.0864, 27.5405

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.



3.7725, 6.0351, 37.0142



11.7154, 6.0351, 0.7484



1.6859, 6.0351, 8.9234

Square

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



11.7154, 6.0351, 0.7484



2.8848, 6.0351, 0.0000



2.2429, 6.0351, 22.7101



10.0306, 6.0351, 30.7091

Rectangle

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



11.7154, 6.0351, 0.7484



6.0141, 6.0351, 0.0000



2.2429, 6.0351, 22.7101



5.4670, 6.0351, 41.1857

Sweetspot

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



11.7155, 6.0355, 0.7485



33.5355, 29.0515, 26.6933



15.5510, 7.4268, 27.4017



7.1581, 6.0183, 5.3445



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.



11.7155, 6.0355, 0.7485



20.9617, 10.8004, 1.2407



13.5824, 9.8304, 1.1822



5.4188, 5.4280, 5.7032



10.0515, 5.1776, 0.6564



0.0978, 0.0502, 0.0151

Inverse Universe

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



11.7155, 6.0355, 0.7485



20.9617, 10.8004, 1.2407



7.9621, 7.7466, 27.8634



5.4188, 5.4280, 5.7032



10.0515, 5.1776, 0.6564



0.0978, 0.0502, 0.0151

Previews

White Background



This preview shows how the XYZ color 11.7154, 6.0351, 0.7484 looks on a white background.

Color Contrast Check

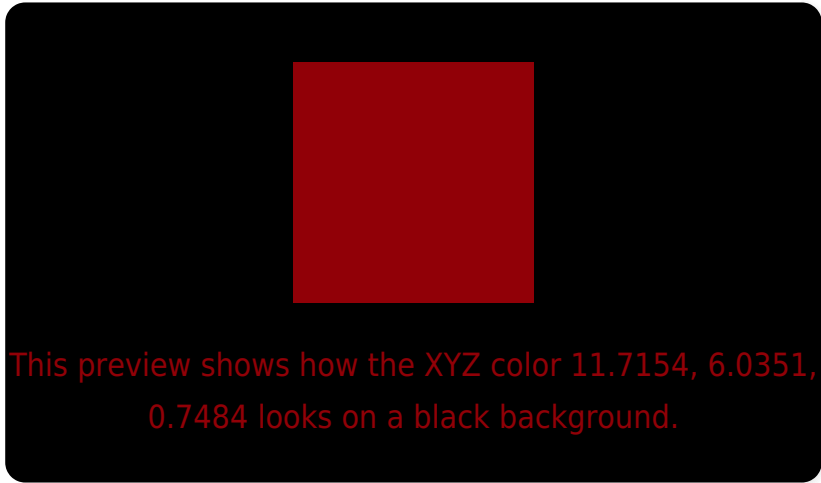
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7154, 6.0351, 0.7484

Background



This preview shows how black text looks on a background with the XYZ color 11.7154, 6.0351, 0.7484.



This preview shows how white text looks on a background with the XYZ color 11.7154, 6.0351,

0.7484.

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

11.7154, 6.0351, 0.7484

Protanopia

5.9976, 6.6131, 1.6698

Deuteranopia

6.5418, 6.5316, 0.9159



Tritanopia

11.6455, 6.2171, 0.5862

Trichromacy



Original Color

11.7154, 6.0351, 0.7484

Protanomaly

6.8962, 4.9947, 1.0908

Deuteranomaly

7.4727, 5.1874, 0.6936

Tritanomaly

11.6049, 6.1095, 0.6538

Monochromacy



Original Color

11.7154, 6.0351, 0.7484

Achromatopsia

2.3940, 2.5187, 2.7428

Achromatomaly

4.0559, 2.6788, 1.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7154, 6.0351, 0.7484 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(145, 0, 7)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 7)  
}
```

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(145, 0, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 7) }
```

Border

The CSS property to change the border of an element to XYZ 11.7154, 6.0351, 0.7484 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(145, 0, 7) }
```


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

```
.border{ border-color:rgb(145, 0, 7) }
```

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

Here you see how a box with a 4 pixel rgb(145, 0, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(145, 0, 7); box-shadow:4px  
4px 4px 4px rgb(145, 0, 7) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7154, 6.0351, 0.7484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 7) }
```

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

```
.background{ background-color: rgb(145, 0,  
7) }
```

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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