

Converting Colors

XYZ(11.6885, 5.9500, 0.7994)

Have a look what the booklet for
XYZ(11.6885, 5.9500, 0.7994)
contains.

XYZ(11.7264, 6.0395, 0.8061)	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(11.7264, 6.0395,
0.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	910009
RGB	145, 0, 9
RGB Percent	57%, 0%, 4%
CMY	0.4314, 0.9999, 0.9647
CMYK	0.00, 1.00, 0.94, 0.43
HSL	356°, 100%, 28%
HSV	356°, 100%, 57%
XYZ	11.7264, 6.0395, 0.8061
YIQ	44.3810, 83.5310, 33.5390

Conversions

Conversions Part 2

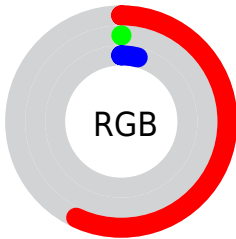
Format	Color
RYB	145, 0, 9
Decimal	9502729
CIELab	29.51, 52.74, 39.35
CIELCh	30, 65.804, 36.729
Yxy	6.0395, 0.6314, 0.3252
Android (android.graphics.Color)	4287692809 (0xFF910009)
YUV	44.3810, -17.4428, 88.2429
Hunter-Lab	24.5754, 42.1662, 15.2580

Details

The XYZ color **11.7264, 6.0395, 0.8061** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.5711, 22.0290, 26.7846**, and the grayscale version is **2.4440, 2.5713, 2.8002**.

A 20% lighter version of the original color is **28.6512, 18.0382, 5.4617**, and **3.7463, 1.9313, 0.1753** is the 20% darker color. If you saturate the color by 10%, you get **11.7262, 6.0394, 0.8055**, and if you desaturate by 10%, it is **11.9918, 6.4083, 1.3947**.

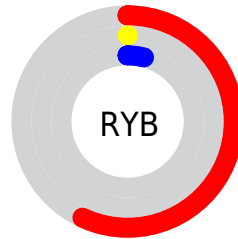
Distribution



Red (57%)

Green (0%)

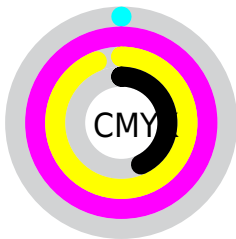
Blue (4%)



Red (57%)

Yellow (0%)

Blue (4%)

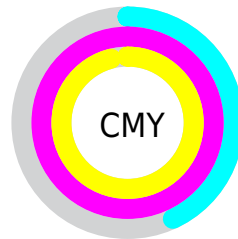


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (43%)



Cyan (43%)

Magenta (100%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7264, 6.0395, 0.8061 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 11.7264, 6.0395, 0.8061 by changing the saturation by 10% instead.


 11.7264, 6.0395,
0.8061


 11.7264, 6.0395,
0.8061


 196.3926,
159.4257, 99.8188


 6.6285, 2.8691,
0.0000


 28.6170, 18.0130,
5.4261


 3.2751, 1.0638,
0.0000

 41.1405, 27.5850,
10.2025


 1.3009, 0.0000,
0.0000

 56.8698, 40.0595,
17.1841

 0.1839, 0.0000,
0.0000

 76.1704, 55.8211,
26.7894


 0.0000, 0.0000,
0.0000


 99.4077, 75.2541,
39.4370

 126.9469, 98.7430,


55.5454


 159.1534,
126.6720, 75.5331


 11.7264, 6.0395,
0.8061

 11.7264, 6.0395,
0.8061


 11.7262, 6.0394,
0.8055

 11.9918, 6.4083,
1.3947

 12.4384, 7.0281,
2.3864

 13.1315, 8.0142,
3.8504

 14.0997, 9.4114,
5.8360

 15.3681, 11.2580,
8.3859

■ 16.9585, 13.5881,
11.5388

■ 18.8909, 16.4323,
15.3297

■ 21.1838, 19.8189,
19.7910

■ 23.8542, 23.7739,
24.9529

Harmonies

Analogous

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



13.6005, 6.0395, 4.8217



11.7264, 6.0395, 0.8061



8.3384, 6.0395, 0.0000

Triad

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



11.7264, 6.0395, 0.8061



1.9010, 6.0395, 1.9662



6.4442, 6.0395, 40.4874

Complementary

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



11.7264, 6.0395, 0.8061



14.5711, 22.0290, 26.7846

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.



3.7472, 6.0395, 36.4884



11.7264, 6.0395, 0.8061



1.7024, 6.0395, 8.7112

Square

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



11.7264, 6.0395, 0.8061



2.9324, 6.0395, 0.0000



2.2437, 6.0395, 22.2609



9.9343, 6.0395, 30.7437

Rectangle

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



11.7264, 6.0395, 0.8061



6.0763, 6.0395, 0.0000



2.2437, 6.0395, 22.2609



5.4170, 6.0395, 40.7804

Sweetspot

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



11.7265, 6.0399, 0.8062



33.5906, 29.0735, 26.9835



15.1566, 7.2235, 27.3834



7.1711, 6.0235, 5.4126



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.



11.7265, 6.0399, 0.8062



20.9764, 10.8063, 1.3181



13.4461, 9.5576, 1.1367



5.4216, 5.4292, 5.7181



10.0617, 5.1817, 0.7102



0.0984, 0.0504, 0.0181

Inverse Universe

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



11.7265, 6.0399, 0.8062



20.9764, 10.8063, 1.3181



8.1416, 8.1056, 27.9233



5.4216, 5.4292, 5.7181



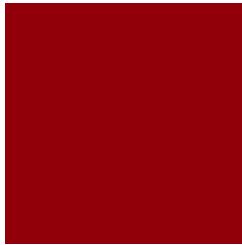
10.0617, 5.1817, 0.7102



0.0984, 0.0504, 0.0181

Previews

White Background



This preview shows how the XYZ color 11.7264, 6.0395, 0.8061 looks on a white background.

Color Contrast Check

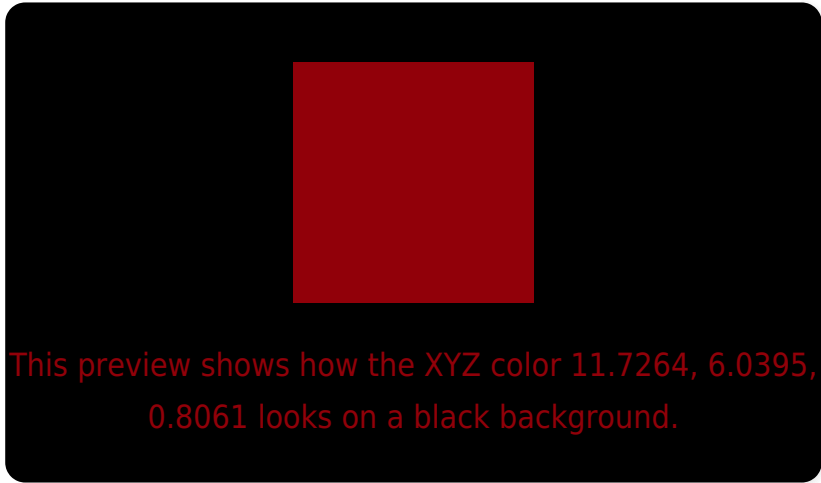
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7264, 6.0395, 0.8061

Background



This preview shows how black text looks on a background with the XYZ color 11.7264, 6.0395, 0.8061.



This preview shows how white text looks on a background with the XYZ color 11.7264, 6.0395,

0.8061.

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

11.7264, 6.0395, 0.8061

Protanopia

6.0070, 6.6169, 1.7196

Deuteranopia

6.5418, 6.5316, 0.9159



Tritanopia

11.6455, 6.2171, 0.5862

Trichromacy



Original Color

11.7264, 6.0395, 0.8061

Protanomaly

6.9039, 4.9977, 1.1311

Deuteranomaly

7.4727, 5.1874, 0.6936

Tritanomaly

11.6049, 6.1095, 0.6538

Monochromacy



Original Color

11.7264, 6.0395, 0.8061

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 11.7264, 6.0395, 0.8061 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, 9)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 9)  
}
```

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, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 9) }
```

Border

The CSS property to change the border of an element to XYZ 11.7264, 6.0395, 0.8061 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, 9) }
```


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

```
.border{ border-color:rgb(145, 0, 9) }
```

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, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(145, 0, 9); box-shadow:4px  
4px 4px 4px rgb(145, 0, 9) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7264, 6.0395, 0.8061 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, 9) }
```

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

```
.background{ background-color: rgb(145, 0,  
9) }
```

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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