

Converting Colors

XYZ(11.6515, 6.5385, 0.6480)

Have a look what the booklet for
XYZ(11.6515, 6.5385, 0.6480)
contains.

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Color

**XYZ(11.6971, 6.5784,
0.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	8F1A00
RGB	143, 26, 0
RGB Percent	56%, 10%, 0%
CMY	0.4392, 0.8980, 1.0000
CMYK	0.00, 0.82, 1.00, 0.44
HSL	11°, 100%, 28%
HSV	11°, 100%, 56%
XYZ	11.6971, 6.5784, 0.6533
YIQ	58.0190, 78.0780, 16.7180

Conversions

Conversions Part 2

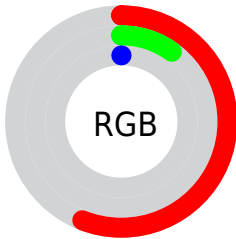
Format	Color
R_{YB}	143, 32, 0
Decimal	9378304
CIE Lab	30.83, 46.86, 43.81
CIE LCh	31, 64.149, 43.069
Yxy	6.5784, 0.6180, 0.3475
Android (android.graphics.Color)	4287568384 (0xFF8F1A00)
YUV	58.0190, -28.6034, 74.5283
Hunter-Lab	25.6484, 36.5213, 16.4437

Details

The XYZ color **11.6971, 6.5784, 0.6533** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **11.3184, 14.7041, 28.2281**, and the grayscale version is **4.0547, 4.2659, 4.6455**.

A 20% lighter version of the original color is **28.4526, 19.0854, 4.9805**, and **3.5673, 1.8390, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **11.6972, 6.5787, 0.6533**, and if you desaturate by 10%, it is **12.0928, 7.2398, 1.1864**.

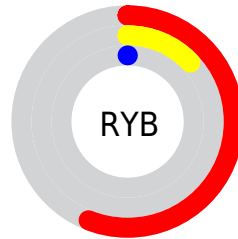
Distribution



Red (56%)

Green (10%)

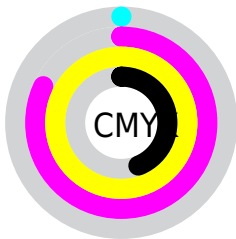
Blue (0%)



Red (56%)

Yellow (13%)

Blue (0%)

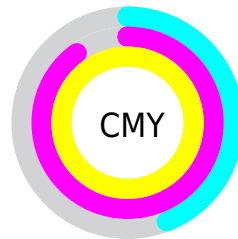


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (90%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6971, 6.5784, 0.6533 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 11.6971, 6.5784, 0.6533 by changing the saturation by 10% instead.


 11.6971, 6.5784,
0.6533


 11.6971, 6.5784,
0.6533


 196.2007,
164.1131, 96.4879


 6.6085, 3.1999,
0.0000


 28.5639, 19.1199,
4.9569


 3.2626, 1.2369,
0.0000

 41.0728, 29.0517,
9.4837


 1.2941, 0.0916,
0.0000

 56.7858, 41.9366,
16.1626

 0.1788, 0.0000,
0.0000


 76.0684, 58.1591,
25.4122

 0.0000, 0.0000,
0.0000

 99.2858, 78.1037,
37.6509

 126.8034,

102.1546, 53.2975

 158.9866,
130.6962, 72.7703

 11.6971, 6.5784,
0.6533


 11.6971, 6.5784,
0.6533


 11.6972, 6.5787,
0.6533

 12.0928, 7.2398,
1.1864

 12.6600, 8.1572,
2.0440

 13.4363, 9.3622,
3.3750

 14.4410, 10.8767,
5.2357

 15.6908, 12.7204,
7.6744

■ 17.2009, 14.9114,
10.7340

■ 18.9853, 17.4665,
14.4533

■ 21.0567, 20.4014,
18.8679

■ 23.4273, 23.7306,
24.0109

Harmonies

Analogous

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



14.0431, 6.5784, 3.9542



11.6971, 6.5784, 0.6533



8.1544, 6.5784, 0.0000

Triad

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



11.6971, 6.5784, 0.6533



2.1077, 6.5784, 3.2524



7.6998, 6.5784, 39.9869

Complementary

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



11.6971, 6.5784, 0.6533



11.3184, 14.7041, 28.2281

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.



4.6722, 6.5784, 39.0570



11.6971, 6.5784, 0.6533



2.0577, 6.5784, 11.7586

Square

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



11.6971, 6.5784, 0.6533



3.0012, 6.5784, 0.4396



2.8304, 6.5784, 26.2919



11.2710, 6.5784, 28.2759

Rectangle

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



11.6971, 6.5784, 0.6533



5.9388, 6.5784, 0.0000



2.8304, 6.5784, 26.2919



6.5772, 6.5784, 41.3159

Sweetspot

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



11.6972, 6.5788, 0.6534



33.7816, 30.9691, 25.4237



14.6675, 7.1756, 18.1173



7.4590, 6.6909, 5.2267



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.



11.6972, 6.5788, 0.6534



20.8541, 11.5937, 1.1387



15.4500, 14.0843, 1.9043



5.4833, 5.5729, 5.6761



10.3545, 5.8408, 0.5816



0.1109, 0.0796, 0.0095

Inverse Universe

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



11.3184, 14.7041, 28.2281



20.1551, 26.1039, 50.5143



6.0014, 4.0700, 26.4557



5.4780, 5.9518, 6.8889



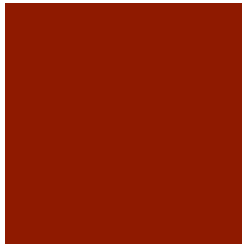
10.0214, 13.0288, 24.9637



0.1098, 0.1526, 0.2433

Previews

White Background



This preview shows how the XYZ color 11.6971, 6.5784, 0.6533 looks on a white background.

Color Contrast Check

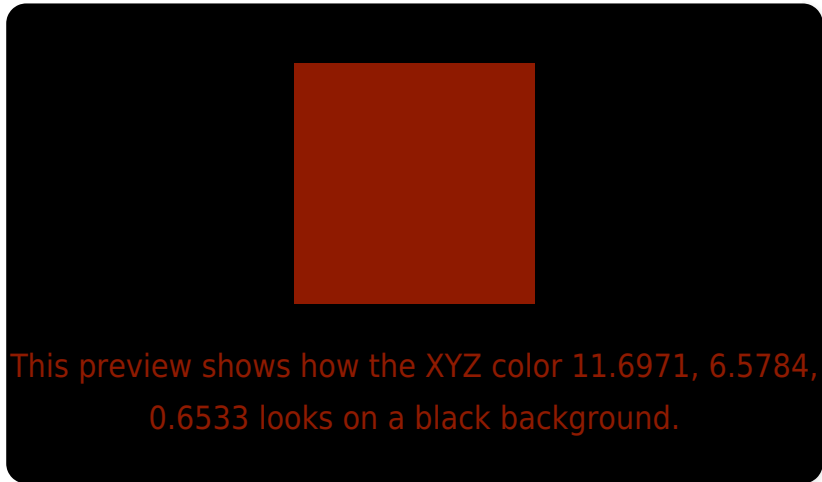
Large Text (above 18pt) WCAG AA ✓ Pass

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

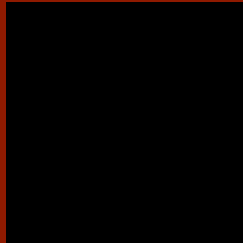
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6971, 6.5784, 0.6533

Background



This preview shows how black text looks on a background with the XYZ color 11.6971, 6.5784, 0.6533.



This preview shows how white text looks on a background with the XYZ color 11.6971, 6.5784,

0.6533.

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

11.6971, 6.5784, 0.6533

Protanopia

6.2734, 6.9574, 1.5426

Deuteranopia

6.8693, 6.8862, 0.9671



Tritanopia

11.8402, 6.6008, 1.5142

Trichromacy



Original Color

11.6971, 6.5784, 0.6533

Protanomaly

7.3492, 5.9537, 1.0784

Deuteranomaly

8.0483, 6.1771, 0.7681

Tritanomaly

11.7615, 6.5694, 1.1001

Monochromacy



Original Color

11.6971, 6.5784, 0.6533

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

5.4307, 4.2114, 2.2769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6971, 6.5784, 0.6533 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, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 26, 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, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 26, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.6971, 6.5784, 0.6533 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, 26, 0) }
```


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

```
.border{ border-color:rgb(143, 26, 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, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6971, 6.5784, 0.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 26, 0) }
```

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

```
.background{ background-color: rgb(143, 26,  
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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