

Converting Colors

XYZ(11.6165, 8.1605, 0.9629)

Have a look what the booklet for
XYZ(11.6165, 8.1605, 0.9629)
contains.

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Color

**XYZ(11.6165, 8.1605,
0.9629)**

Conversions

Conversions Part 1

Format	Color
Hex	883900
RGB	136, 57, 0
RGB Percent	53%, 22%, 0%
CMY	0.4667, 0.7765, 1.0000
CMYK	0.00, 0.58, 1.00, 0.47
HSL	25°, 100%, 27%
HSV	25°, 100%, 53%
XYZ	11.6165, 8.1605, 0.9629
YIQ	74.1230, 65.3810, -0.9790

Conversions

Conversions Part 2

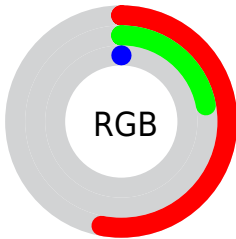
Format	Color
R_{YB}	136, 98, 0
Decimal	8927488
CIE _{Lab}	34.31, 31.26, 45.39
CIE _{LCh}	34, 55.112, 55.448
Yxy	8.1605, 0.5601, 0.3935
Android (android.graphics.Color)	4287117568 (0xFF883900)
YUV	74.1230, -36.5426, 54.2661
Hunter-Lab	28.5666, 22.5948, 17.9981

Details

The XYZ color **11.6165, 8.1605, 0.9629** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.2397, 7.3692, 24.3333**, and the grayscale version is **6.5860, 6.9290, 7.5456**.

A 20% lighter version of the original color is **28.5165, 22.2828, 5.9300**, and **3.2179, 1.7717, 0.1724** is the 20% darker color. If you saturate the color by 10%, you get **11.6166, 8.1608, 0.9629**, and if you desaturate by 10%, it is **12.1147, 9.0345, 1.5068**.

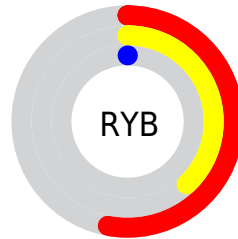
Distribution



Red (53%)

Green (22%)

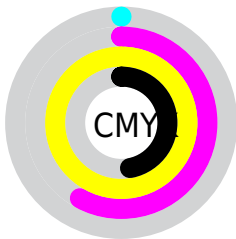
Blue (0%)



Red (53%)

Yellow (38%)

Blue (0%)

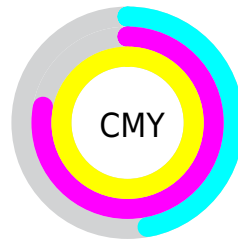


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6165, 8.1605, 0.9629 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 11.6165, 8.1605, 0.9629 by changing the saturation by 10% instead.

■ 11.6165, 8.1605,
0.9629

■ 11.6165, 8.1605,
0.9629

■ 195.6718,
176.9855, 103.3156

■ 6.5534, 4.1978,
0.0000

■ 28.4176, 22.2725,
5.9374

■ 3.2283, 1.7848,
0.0000

■ 40.8864, 33.1906,
10.9770

■ 1.2756, 0.4777,
0.0000

■ 56.5545, 47.1960,
18.2762

■ 0.1648, 0.0000,
0.0000


■ 75.7873, 64.6730,
28.2536


■ 0.0000, 0.0000,
0.0000


■ 98.9500, 86.0060,
41.3277


■ 126.4081,


111.5796, 57.9170


 158.5269,
141.7779, 78.4401


 11.6165, 8.1605,
0.9629


 11.6165, 8.1605,
0.9629

 11.6166, 8.1608,
0.9629

 12.1147, 9.0345,
1.5068

 12.7232, 10.0537,
2.3192

 13.4706, 11.2339,
3.5382

 14.3681, 12.5833,
5.2113

 15.4257, 14.1094,
7.3796

■ 16.6521, 15.8193,
10.0793

■ 18.0557, 17.7193,
13.3433

■ 19.6438, 19.8157,
17.2018

■ 21.4236, 22.1142,
21.6827

Harmonies

Analogous

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



14.4146, 8.1605, 3.4144



11.6165, 8.1605, 0.9629



8.2351, 8.1605, 0.2954

Triad

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



11.6165, 8.1605, 0.9629



3.2290, 8.1605, 7.6080



10.5846, 8.1605, 34.6265

Complementary

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



11.6165, 8.1605, 0.9629



7.2397, 7.3692, 24.3333

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.



7.2964, 8.1605, 38.7142



11.6165, 8.1605, 0.9629



3.5484, 8.1605, 18.3292

Square

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



11.6165, 8.1605, 0.9629



3.8344, 8.1605, 2.3259



4.8628, 8.1605, 31.4037



13.7168, 8.1605, 22.3662

Rectangle

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



11.6165, 8.1605, 0.9629



6.2855, 8.1605, 0.4225



4.8628, 8.1605, 31.4037



9.4404, 8.1605, 37.2436

Sweetspot

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



11.6167, 8.1610, 0.9630



31.6484, 30.9979, 23.1082



11.5768, 5.8037, 7.9711



7.1124, 6.8870, 4.8411



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.6167, 8.1610, 0.9630



20.3252, 14.0883, 1.6481



17.4448, 19.8172, 2.9057



5.1939, 5.3706, 5.3153



11.0037, 7.7417, 0.9143



0.0870, 0.0793, 0.0107

Inverse Universe

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



7.2397, 7.3692, 24.3333



12.6027, 12.6751, 42.8307



4.5675, 2.0247, 23.4425



5.0001, 5.3431, 6.3736



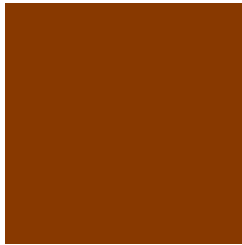
6.8614, 6.9932, 23.0339



0.0601, 0.0755, 0.1579

Previews

White Background



This preview shows how the XYZ color 11.6165, 8.1605, 0.9629 looks on a white background.

Color Contrast Check

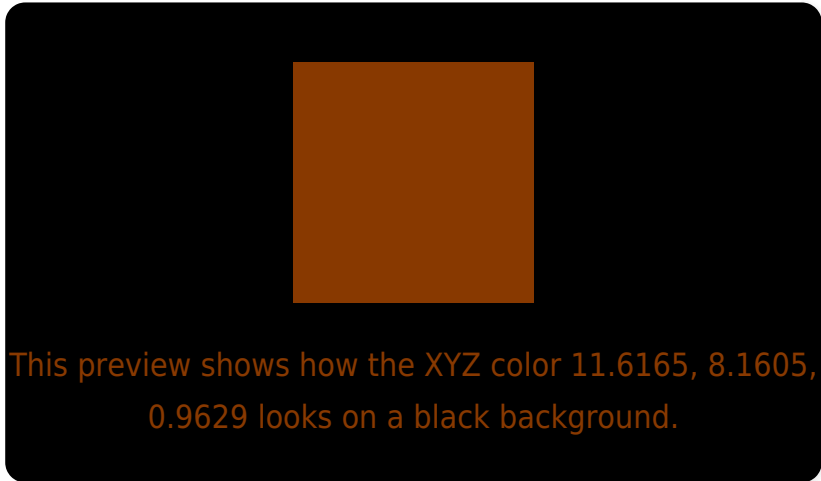
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6165, 8.1605, 0.9629

Background



This preview shows how black text looks on a background with the XYZ color 11.6165, 8.1605, 0.9629.



This preview shows how white text looks on a background with the XYZ color 11.6165, 8.1605,

0.9629.

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

11.6165, 8.1605, 0.9629

Protanopia

7.5036, 8.3390, 1.5949

Deuteranopia

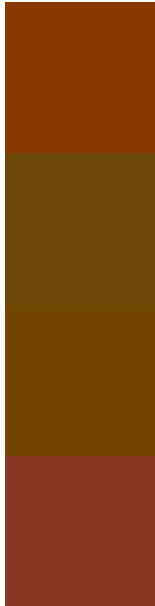
8.3179, 8.3323, 1.1699



Tritanopia

12.3034, 8.1501, 4.6660

Trichromacy



Original Color

11.6165, 8.1605, 0.9629

Protanomaly

8.6107, 7.9708, 1.3144

Deuteranomaly

9.2604, 8.0252, 1.0609

Tritanomaly

11.9541, 8.0841, 2.5994

Monochromacy



Original Color

11.6165, 8.1605, 0.9629

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

7.5100, 6.8809, 3.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6165, 8.1605, 0.9629 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(136, 57, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 57, 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(136, 57, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 57, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.6165, 8.1605, 0.9629 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(136, 57, 0) }
```


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

```
.border{ border-color:rgb(136, 57, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 57, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 57, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 57, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 57, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6165, 8.1605, 0.9629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 57, 0) }
```

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

```
.background{ background-color: rgb(136, 57,  
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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