

Converting Colors

XYZ(11.6453, 6.2171, 0.5862)

Have a look what the booklet for
XYZ(11.6453, 6.2171, 0.5862)
contains.

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Color

**XYZ(11.6455, 6.2171,
0.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	900D00
RGB	144, 13, 0
RGB Percent	56%, 5%, 0%
CMY	0.4353, 0.9490, 1.0000
CMYK	0.00, 0.91, 1.00, 0.44
HSL	5°, 100%, 28%
HSV	5°, 100%, 56%
XYZ	11.6455, 6.2171, 0.5862
YIQ	50.6870, 82.2490, 23.7290

Conversions

Conversions Part 2

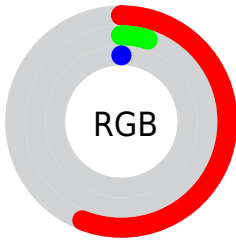
Format	Color
RYB	144, 14, 0
Decimal	9440512
CIELab	29.95, 50.26, 43.26
CIELCh	30, 66.315, 40.718
Yxy	6.2171, 0.6312, 0.3370
Android (android.graphics.Color)	4287630592 (0xFF900D00)
YUV	50.6870, -24.9887, 81.8355
Hunter-Lab	24.9341, 39.7339, 16.0600

Details

The XYZ color **11.6455, 6.2171, 0.5862** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.1481, 18.2418, 29.2134**, and the grayscale version is **3.1326, 3.2957, 3.5891**.

A 20% lighter version of the original color is **28.4828, 18.3592, 4.7318**, and **3.6562, 1.8848, 0.1711** is the 20% darker color. If you saturate the color by 10%, you get **11.6456, 6.2175, 0.5863**, and if you desaturate by 10%, it is **11.9554, 6.7059, 1.0941**.

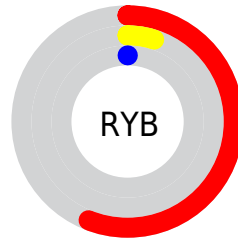
Distribution



Red (56%)

Green (5%)

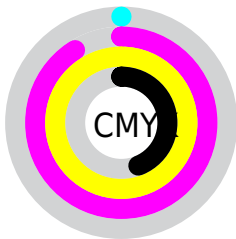
Blue (0%)



Red (56%)

Yellow (5%)

Blue (0%)

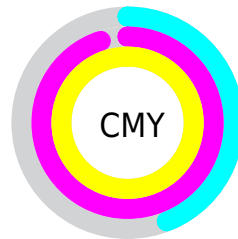


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6455, 6.2171, 0.5862 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 11.6455, 6.2171, 0.5862 by changing the saturation by 10% instead.


 11.6455, 6.2171,
0.5862


 11.6455, 6.2171,
0.5862


 195.8623,
160.9901, 95.0489


 6.5732, 2.9775,
0.0000


 28.4703, 18.3799,
4.7597


 3.2406, 1.1200,
0.0000

 40.9535, 28.0720,
9.1790


 1.2822, 0.0000,
0.0000

 56.6378, 40.6837,
15.7271

 0.1699, 0.0000,
0.0000

 75.8885, 56.5993,
24.8226


 0.0000, 0.0000,
0.0000


 99.0709, 76.2034,
36.8839


 126.5505, 99.8803,


52.3298


 158.6925,
128.0144, 71.5786


 11.6455, 6.2171,
0.5862


 11.6455, 6.2171,
0.5862


 11.6456, 6.2175,
0.5863

 11.9554, 6.7059,
1.0941

 12.4533, 7.4820,
1.9373

 13.1831, 8.5890,
3.2678

 14.1690, 10.0584,
5.1445

 15.4318, 11.9183,
7.6180

■ 16.9905, 14.1938,
10.7329

■ 18.8622, 16.9079,
14.5299

■ 21.0627, 20.0821,
19.0460

■ 23.6070, 23.7363,
24.3158

Harmonies

Analogous

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



13.8693, 6.2171, 4.0747



11.6455, 6.2171, 0.5862



8.0937, 6.2171, 0.0000

Triad

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



11.6455, 6.2171, 0.5862



1.8909, 6.2171, 2.5649



7.0831, 6.2171, 40.9700

Complementary

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



11.6455, 6.2171, 0.5862



13.1481, 18.2418, 29.2134

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.



4.1580, 6.2171, 38.8268



11.6455, 6.2171, 0.5862



1.7856, 6.2171, 10.4482

Square

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



11.6455, 6.2171, 0.5862



2.8215, 6.2171, 0.0967



2.4557, 6.2171, 25.0135



10.6880, 6.2171, 29.5530

Rectangle

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



11.6455, 6.2171, 0.5862



5.8351, 6.2171, 0.0000



2.4557, 6.2171, 25.0135



5.9839, 6.2171, 41.9582

Sweetspot

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



11.6456, 6.2175, 0.5863



33.0492, 29.5044, 25.1796



15.6663, 7.5952, 22.4699



7.2806, 6.3341, 5.1672



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.



11.6456, 6.2175, 0.5863



20.4839, 10.8534, 1.0153



14.6718, 12.2698, 1.5950



5.4457, 5.4976, 5.6635



10.1499, 5.4316, 0.5134



0.1033, 0.0644, 0.0070

Inverse Universe

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



13.1481, 18.2418, 29.2134



23.1273, 32.0483, 51.5050



6.6498, 5.2453, 27.0473



5.5192, 6.0341, 6.9026



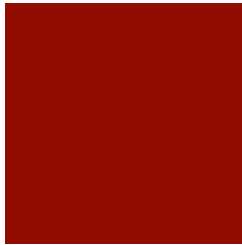
11.4585, 15.9031, 25.4428



0.1174, 0.1678, 0.2459

Previews

White Background



This preview shows how the XYZ color 11.6455, 6.2171, 0.5862 looks on a white background.

Color Contrast Check

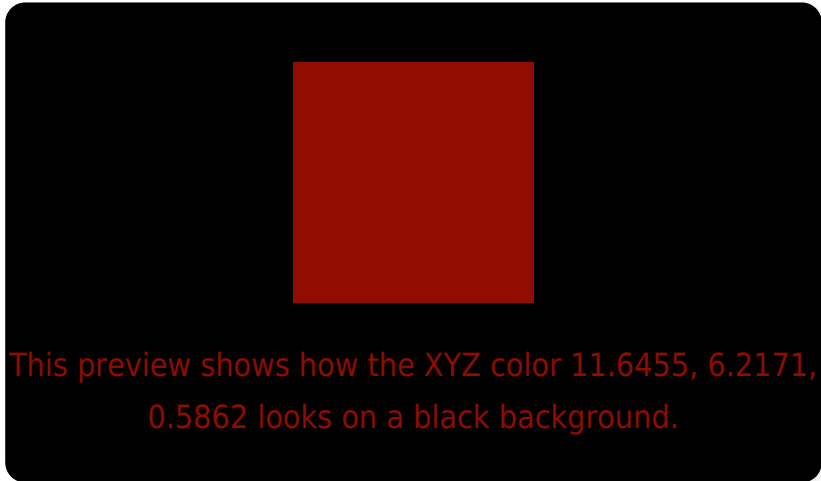
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6455, 6.2171, 0.5862

Background



This preview shows how black text looks on a background with the XYZ color 11.6455, 6.2171, 0.5862.



This preview shows how white text looks on a background with the XYZ color 11.6455, 6.2171,

0.5862.

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

11.6455, 6.2171, 0.5862

Protanopia

5.9714, 6.6026, 1.5320

Deuteranopia

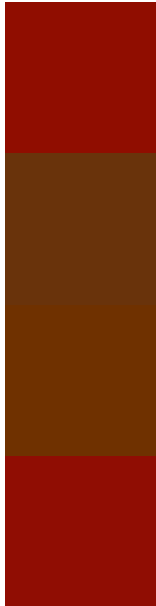
6.6038, 6.6556, 0.9366



Tritanopia

11.6674, 6.2259, 0.7016

Trichromacy



Original Color

11.6455, 6.2171, 0.5862

Protanomaly

7.0699, 5.3951, 0.9853

Deuteranomaly

7.6539, 5.5761, 0.6729

Tritanomaly

11.6620, 6.2237, 0.6728

Monochromacy



Original Color

11.6455, 6.2171, 0.5862

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

4.6686, 3.3587, 1.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6455, 6.2171, 0.5862 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, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 13, 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(144, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 13, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.6455, 6.2171, 0.5862 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, 13, 0) }
```


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

```
.border{ border-color:rgb(144, 13, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 13, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 13, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 13, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 13, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6455, 6.2171, 0.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 13, 0) }
```

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

```
.background{ background-color: rgb(144, 13,  
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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