

Converting Colors

XYZ(11.5969, 6.1231, 5.5725)

Have a look what the booklet for
XYZ(11.5969, 6.1231, 5.5725)
contains.

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Color

**XYZ(11.6062, 6.1266,
5.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0F41
RGB	138, 15, 65
RGB Percent	54%, 6%, 25%
CMY	0.4588, 0.9411, 0.7451
CMYK	0.00, 0.89, 0.53, 0.46
HSL	336°, 80%, 30%
HSV	336°, 89%, 54%
XYZ	11.6062, 6.1266, 5.5719
YIQ	57.4770, 57.2580, 41.6260

Conversions

Conversions Part 2

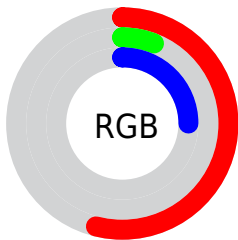
Format	Color
R_{YB}	138, 15, 65
Decimal	9047873
CIE _{Lab}	29.73, 50.95, 4.59
CIE _{LCh}	30, 51.154, 5.150
Yxy	6.1266, 0.4980, 0.2629
Android (android.graphics.Color)	4287237953 (0xFF8A0F41)
YUV	57.4770, 3.7088, 70.6187
Hunter-Lab	24.7520, 40.3827, 3.9796

Details

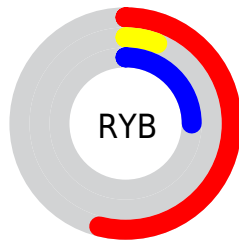
The XYZ color **11.6062, 6.1266, 5.5719** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11.0477, 18.9834, 12.3174**, and the grayscale version is **3.9429, 4.1482, 4.5174**.

A 20% lighter version of the original color is **28.3995, 18.2358, 17.6458**, and **3.6343, 1.8557, 0.9772** is the 20% darker color. If you saturate the color by 10%, you get **11.2281, 5.7231, 4.3589**, and if you desaturate by 10%, it is **12.1250, 6.7565, 7.0018**.

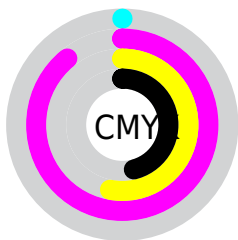
Distribution



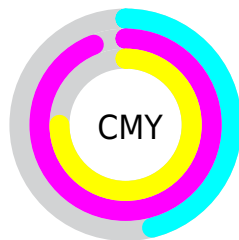
- Red (54%)
- Green (6%)
- Blue (25%)



- Red (54%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (89%)
- Yellow (53%)
- Black (46%)




- Cyan (46%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6062, 6.1266, 5.5719 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 11.6062, 6.1266, 5.5719 by changing the saturation by 10% instead.


 11.6062, 6.1266,
5.5719


 11.6062, 6.1266,
5.5719


195.6041,
160.1954, 164.3584


 6.5464, 2.9222,
2.5220


 28.3989, 18.1932,
17.4977


 3.2239, 1.0913,
0.8518

 40.8626, 27.8243,
27.2107


 1.2732, 0.0000,
0.0000

 56.5249, 40.3663,
39.9819

 0.1630, 0.0000,
0.0000

 75.7513, 56.2038,
56.2297

 0.0000, 0.0000,
0.0000

 98.9071, 75.7210,
76.3727

 126.3575, 99.3024,

100.8294

158.4681,
127.3325, 130.0185

11.6062, 6.1266,
5.5719

11.6062, 6.1266,
5.5719

11.2281, 5.7231,
4.3589

12.1250, 6.7565,
7.0018

11.1972, 5.6896,
4.2608

12.8307, 7.7029,
8.6706

13.7429, 9.0029,
10.5914

14.8783, 10.6878,
12.7760

16.2518, 12.7858,
15.2350

■ 17.8771, 15.3221,
17.9788

■ 19.7667, 18.3202,
21.0168

■ 21.9322, 21.8015,
24.3580

■ 24.3846, 25.7865,
28.0112

Harmonies

Analogous

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



10.9819, 6.1266, 13.7503



11.6062, 6.1266, 5.5719



10.3724, 6.1266, 1.6402

Triad

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



11.6062, 6.1266, 5.5719



3.5836, 6.1266, 0.6594



4.1181, 6.1266, 26.7504

Complementary

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



11.6062, 6.1266, 5.5719



11.0477, 18.9834, 12.3174

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.



2.8472, 6.1266, 17.2859



11.6062, 6.1266, 5.5719



2.6020, 6.1266, 2.5668

Square

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



11.6062, 6.1266, 5.5719



5.4256, 6.1266, 0.0217



2.3743, 6.1266, 7.9055



6.2397, 6.1266, 29.7587

Rectangle

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



11.6062, 6.1266, 5.5719



8.8170, 6.1266, 0.6487



2.3743, 6.1266, 7.9055



3.5977, 6.1266, 24.0066

Sweetspot

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



11.6064, 6.1270, 5.5720



31.9947, 27.7693, 32.4829



8.6662, 4.1915, 24.3969



6.9755, 5.9125, 6.9555



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.



11.6064, 6.1270, 5.5720



19.6628, 9.9993, 7.1190



10.9208, 6.1443, 1.0629



5.1116, 5.0801, 5.6763



10.2732, 5.2194, 3.9430



0.0752, 0.0375, 0.0628

Inverse Universe

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



11.6064, 6.1270, 5.5720



19.6628, 9.9993, 7.1190



12.4714, 17.3101, 26.7285



5.1116, 5.0801, 5.6763



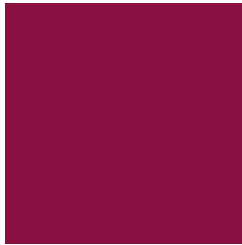
10.2732, 5.2194, 3.9430



0.0752, 0.0375, 0.0628

Previews

White Background



This preview shows how the XYZ color 11.6062, 6.1266, 5.5719 looks on a white background.

Color Contrast Check

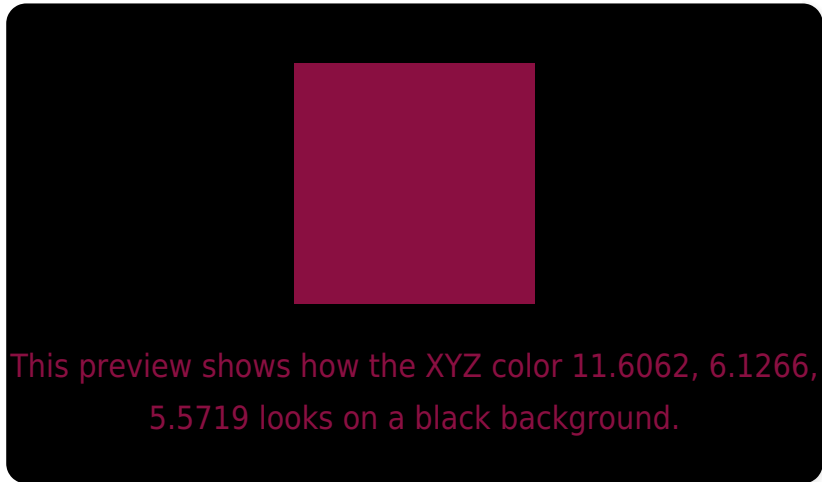
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6062, 6.1266, 5.5719

Background



This preview shows how black text looks on a background with the XYZ color 11.6062, 6.1266, 5.5719.



This preview shows how white text looks on a background with the XYZ color 11.6062, 6.1266,

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

11.6062, 6.1266, 5.5719

Protanopia

6.5438, 6.4901, 11.2637

Deuteranopia

6.5737, 6.4568, 5.0375



Tritanopia

10.8145, 6.2017, 1.7895

Trichromacy



Original Color

11.6062, 6.1266, 5.5719

Protanomaly

7.2594, 5.3193, 8.8277

Deuteranomaly

7.6495, 5.4766, 5.0688

Tritanomaly

11.0611, 6.1388, 2.7924

Monochromacy



Original Color

11.6062, 6.1266, 5.5719

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

5.4813, 3.9606, 4.7505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6062, 6.1266, 5.5719 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(138, 15, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 15, 65)  
}
```

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(138, 15, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 15, 65) }
```

Border

The CSS property to change the border of an element to XYZ 11.6062, 6.1266, 5.5719 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(138, 15, 65) }
```


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

```
.border{ border-color:rgb(138, 15, 65) }
```

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

Here you see how a box with a 4 pixel rgb(138, 15, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 15, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 15, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 15,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6062, 6.1266, 5.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 15, 65) }
```

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

```
.background{ background-color: rgb(138, 15,  
65) }
```

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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