

Converting Colors

XYZ(10.9304, 5.6319, 0.6452)

Have a look what the booklet for
XYZ(10.9304, 5.6319, 0.6452)
contains.

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Color

**XYZ(11.0119, 5.6737,
0.6583)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0005
RGB	141, 0, 5
RGB Percent	55%, 0%, 2%
CMY	0.4471, 0.9999, 0.9804
CMYK	0.00, 1.00, 0.96, 0.45
HSL	358°, 100%, 28%
HSV	358°, 100%, 55%
XYZ	11.0119, 5.6737, 0.6583
YIQ	42.7290, 82.4310, 31.4470

Conversions

Conversions Part 2

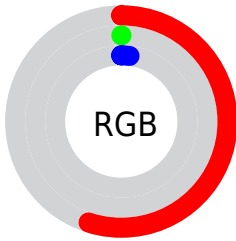
Format	Color
R _Y B	141, 0, 5
Decimal	9240581
CIE Lab	28.57, 51.62, 39.85
CIE LCh	29, 65.213, 37.666
Yxy	5.6737, 0.6349, 0.3271
Android (android.graphics.Color)	4287430661 (0xFF8D0005)
YUV	42.7290, -18.6004, 86.1837
Hunter-Lab	23.8195, 40.8374, 15.0351

Details

The XYZ color **11.0119, 5.6737, 0.6583** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13.9704, 20.8279, 26.5839**, and the grayscale version is **2.2828, 2.4017, 2.6155**.

A 20% lighter version of the original color is **27.4163, 17.3158, 5.0293**, and **3.3933, 1.7493, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **11.0117, 5.6736, 0.6577**, and if you desaturate by 10%, it is **11.2572, 6.0257, 1.1681**.

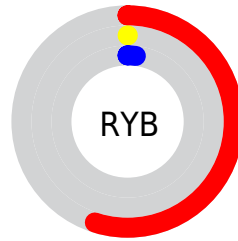
Distribution



Red (55%)

Green (0%)

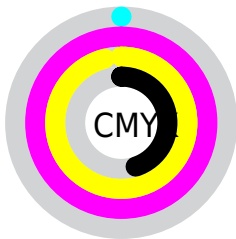
Blue (2%)



Red (55%)

Yellow (0%)

Blue (2%)

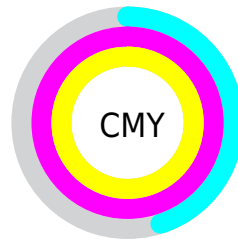


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (45%)



Cyan (45%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0119, 5.6737, 0.6583 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 11.0119, 5.6737, 0.6583 by changing the saturation by 10% instead.


 11.0119, 5.6737,
0.6583


 11.0119, 5.6737,
0.6583


 191.6558,
156.1378, 96.5957


 6.1422, 2.6477,
0.0000


 27.3149, 17.2503,
4.9718


 2.9732, 0.9507,
0.0000

 39.4790, 26.5696,
9.5066


 1.1396, 0.0000,
0.0000

 54.8051, 38.7556,
16.1953

 0.0579, 0.0000,
0.0000

 73.6588, 54.1925,
25.4565


 0.0000, 0.0000,
0.0000


 96.4054, 73.2648,
37.7085


 123.4102, 96.3568,


53.3700


 155.0385,
123.8530, 72.8596


 11.0119, 5.6737,
0.6583


 11.0119, 5.6737,
0.6583


 11.0117, 5.6736,
0.6577

 11.2572, 6.0257,
1.1681

 11.6684, 6.6091,
2.0417

 12.3131, 7.5371,
3.3705

 13.2191, 8.8519,
5.2052

 14.4101, 10.5895,
7.5894

■ 15.9075, 12.7818,
10.5625

■ 17.7303, 15.4576,
14.1599

■ 19.8962, 18.6435,
18.4144

■ 22.4214, 22.3639,
23.3564

Harmonies

Analogous

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



12.8708, 5.6737, 4.3082



11.0119, 5.6737, 0.6583



7.7600, 5.6737, 0.0000

Triad

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



11.0119, 5.6737, 0.6583



1.7412, 5.6737, 1.9215



6.1589, 5.6737, 38.5451

Complementary

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



11.0119, 5.6737, 0.6583



13.9704, 20.8279, 26.5839

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.



3.5636, 5.6737, 35.1296



11.0119, 5.6737, 0.6583



1.5760, 5.6737, 8.5222

Square

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



11.0119, 5.6737, 0.6583



2.6850, 5.6737, 0.0000



2.1092, 5.6737, 21.6317



9.4922, 5.6737, 28.8605

Rectangle

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



11.0119, 5.6737, 0.6583



5.6194, 5.6737, 0.0000



2.1092, 5.6737, 21.6317



5.1722, 5.6737, 38.9789

Sweetspot

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



11.0120, 5.6741, 0.6584



31.5192, 27.3396, 24.8991



14.6315, 6.9878, 25.7767



6.7584, 5.6929, 5.0064



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.0120, 5.6741, 0.6584



19.7070, 10.1552, 1.1077



12.7877, 9.2690, 1.1157



5.4161, 5.4270, 5.6893



10.0420, 5.1738, 0.6064



0.0972, 0.0500, 0.0123

Inverse Universe

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



11.0120, 5.6741, 0.6584



19.7070, 10.1552, 1.1077



7.5011, 7.3095, 26.2146



5.4161, 5.4270, 5.6893



10.0420, 5.1738, 0.6064



0.0972, 0.0500, 0.0123

Previews

White Background



This preview shows how the XYZ color 11.0119, 5.6737, 0.6583 looks on a white background.

Color Contrast Check

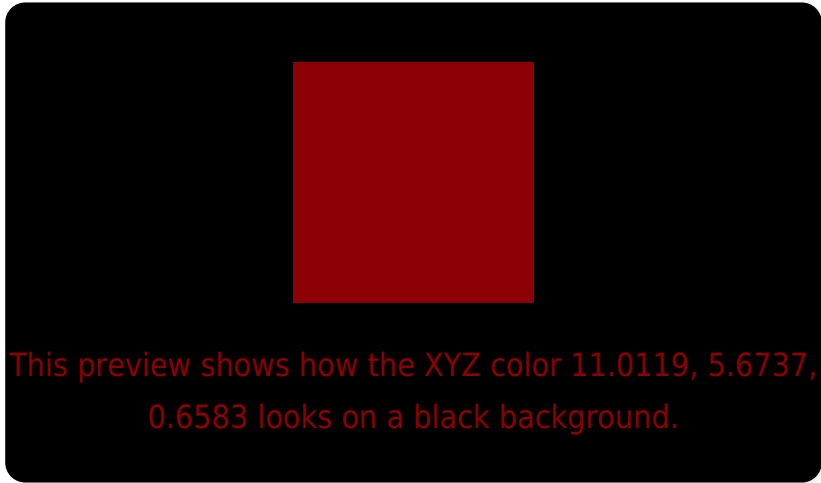
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0119, 5.6737, 0.6583

Background



This preview shows how black text looks on a background with the XYZ color 11.0119, 5.6737, 0.6583.



This preview shows how white text looks on a background with the XYZ color 11.0119, 5.6737,

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

11.0119, 5.6737, 0.6583

Protanopia

5.6790, 6.2590, 1.5249

Deuteranopia

6.2836, 6.3079, 0.8864



Tritanopia

10.9591, 5.8633, 0.5541

Trichromacy



Original Color

11.0119, 5.6737, 0.6583

Protanomaly

6.4971, 4.7333, 0.9866

Deuteranomaly

7.1815, 4.9833, 0.6408

Tritanomaly

10.9130, 5.7535, 0.5928

Monochromacy



Original Color

11.0119, 5.6737, 0.6583

Achromatopsia

2.2962, 2.4158, 2.6308

Achromatomaly

3.8382, 2.5348, 1.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0119, 5.6737, 0.6583 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(141, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(141, 0, 5)  
}
```

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(141, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 0, 5) }
```

Border

The CSS property to change the border of an element to XYZ 11.0119, 5.6737, 0.6583 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(141, 0, 5) }
```


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

```
.border{ border-color:rgb(141, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(141, 0, 5); box-shadow:4px  
4px 4px 4px rgb(141, 0, 5) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0119, 5.6737, 0.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 0, 5) }
```

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

```
.background{ background-color: rgb(141, 0,  
5) }
```

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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