

Converting Colors

XYZ(10.7090, 5.3706, 5.6038)

Have a look what the booklet for
XYZ(10.7090, 5.3706, 5.6038)
contains.

XYZ(10.8149, 5.4617, 5.6385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.8149, 5.4617,
5.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	860042
RGB	134, 0, 66
RGB Percent	53%, 0%, 26%
CMY	0.4745, 0.9999, 0.7412
CMYK	0.00, 1.00, 0.51, 0.47
HSL	330°, 100%, 26%
HSV	330°, 100%, 53%
XYZ	10.8149, 5.4617, 5.6385
YIQ	47.5900, 58.6780, 48.9340

Conversions

Conversions Part 2

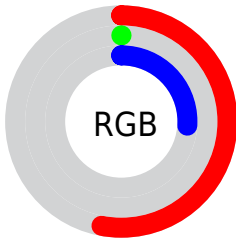
Format	Color
R_YB	134, 0, 66
Decimal	8781890
CIE Lab	28.01, 52.58, 1.33
CIE LCh	28, 52.599, 1.454
Yxy	5.4617, 0.4935, 0.2492
Android (android.graphics.Color)	4286971970 (0xFF860042)
YUV	47.5900, 9.0761, 75.7816
Hunter-Lab	23.3703, 41.7052, 2.0544

Details

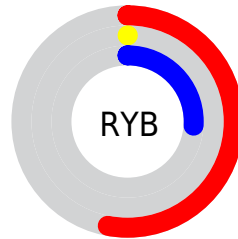
The XYZ color **10.8149, 5.4617, 5.6385** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **9.5691, 17.4678, 8.3386**, and the grayscale version is **2.7521, 2.8954, 3.1531**.

A 20% lighter version of the original color is **26.9656, 16.8017, 17.7414**, and **3.3068, 1.6856, 1.0152** is the 20% darker color. If you saturate the color by 10%, you get **10.8146, 5.4616, 5.6372**, and if you desaturate by 10%, it is **11.1768, 5.8453, 6.8080**.

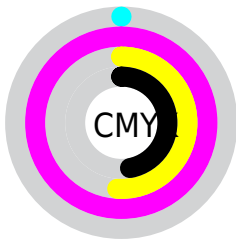
Distribution



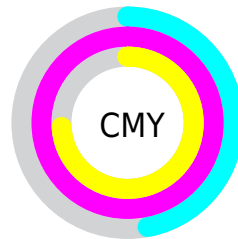
- Red (53%)
- Green (0%)
- Blue (26%)



- Red (53%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (47%)




- Cyan (47%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8149, 5.4617, 5.6385 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 10.8149, 5.4617, 5.6385 by changing the saturation by 10% instead.


 10.8149, 5.4617,
5.6385


 10.8149, 5.4617,
5.6385


190.3278,
154.1890, 164.9925


 6.0089, 2.5206,
2.5613


 26.9534, 16.8036,
17.6404


 2.8912, 0.8869,
0.8724

 39.0165, 25.9732,
27.4021


 1.0965, 0.0000,
0.0000

 54.2295, 37.9878,
40.2292

 0.0222, 0.0000,
0.0000


 72.9575, 53.2317,
56.5400


 0.0000, 0.0000,
0.0000


 95.5660, 72.0894,
76.7532


 122.4203, 94.9453,

101.2874


 153.8858,
122.1836, 130.5609


 10.8149, 5.4617,
5.6385

 10.8149, 5.4617,
5.6385


 10.8146, 5.4616,
5.6372

 11.1768, 5.8453,
6.8080

 11.6525, 6.4171,
8.1370

 12.2936, 7.2789,
9.6464

 13.1177, 8.4650,
11.3458

 14.1401, 10.0047,
13.2435

■ 15.3743, 11.9242,
15.3475

■ 16.8327, 14.2470,
17.6650

■ 18.5267, 16.9948,
20.2028

■ 20.4666, 20.1877,
22.9675

Harmonies

Analogous

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



9.9832, 5.4617, 14.0300



10.8149, 5.4617, 5.6385



9.8147, 5.4617, 1.5465

Triad

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



10.8149, 5.4617, 5.6385



3.2482, 5.4617, 0.2395



3.3891, 5.4617, 24.7675

Complementary

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



10.8149, 5.4617, 5.6385



9.5691, 17.4678, 8.3386

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.



2.3102, 5.4617, 15.0156



10.8149, 5.4617, 5.6385



2.2469, 5.4617, 1.7787

Square

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



10.8149, 5.4617, 5.6385



5.0824, 5.4617, 0.0000



1.9605, 5.4617, 6.2663



5.3015, 5.4617, 28.8549

Rectangle

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



10.8149, 5.4617, 5.6385



8.3736, 5.4617, 0.5004



1.9605, 5.4617, 6.2663



2.9386, 5.4617, 21.8101

Sweetspot

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



10.8150, 5.4620, 5.6386



29.4722, 24.8037, 30.8375



6.6185, 2.9152, 22.7680



6.4248, 5.2439, 6.6111



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.8150, 5.4620, 5.6386



18.9776, 9.5921, 9.5282



9.8318, 5.0687, 0.4606



4.7610, 4.7241, 5.3540



10.1403, 5.1205, 5.3114



0.0388, 0.0192, 0.0377

Inverse Universe

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



10.8150, 5.4620, 5.6386



18.9776, 9.5921, 9.5282



12.8283, 18.7715, 25.5013



4.7610, 4.7241, 5.3540



10.1403, 5.1205, 5.3114



0.0388, 0.0192, 0.0377

Previews

White Background



This preview shows how the XYZ color 10.8149, 5.4617, 5.6385 looks on a white background.

Color Contrast Check

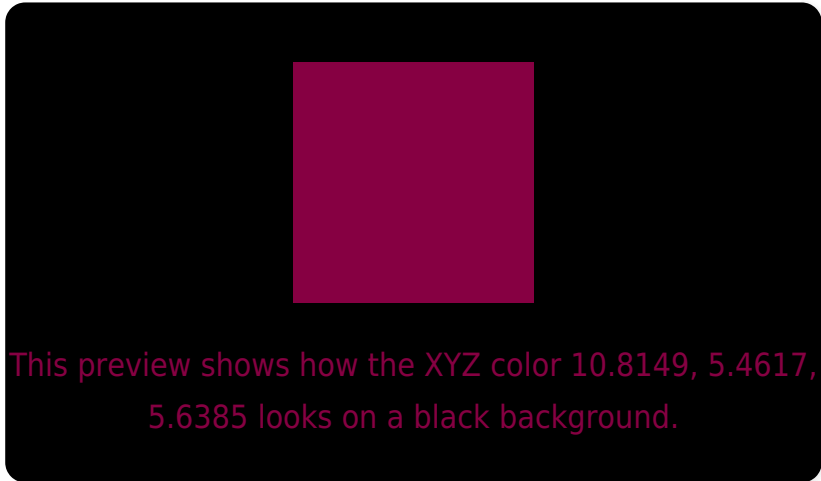
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8149, 5.4617, 5.6385

Background



This preview shows how black text looks on a background with the XYZ color 10.8149, 5.4617, 5.6385.



This preview shows how white text looks on a background with the XYZ color 10.8149, 5.4617,

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

10.8149, 5.4617, 5.6385

Protanopia

6.1803, 6.1066, 11.6794

Deuteranopia

6.1310, 6.0460, 5.1188



Tritanopia

10.0716, 5.7189, 1.5503

Trichromacy



Original Color

10.8149, 5.4617, 5.6385

Protanomaly

6.5254, 4.5162, 8.9153

Deuteranomaly

6.9889, 4.7849, 5.1126

Tritanomaly

10.2736, 5.5475, 2.6271

Monochromacy



Original Color

10.8149, 5.4617, 5.6385

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.4040, 2.9181, 3.9456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8149, 5.4617, 5.6385 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(134, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 66)  
}
```

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(134, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.8149, 5.4617, 5.6385 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(134, 0, 66) }
```


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

```
.border{ border-color:rgb(134, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(134, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.8149, 5.4617, 5.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 66) }
```

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

```
.background{ background-color: rgb(134, 0,  
66) }
```

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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