

Converting Colors

XYZ(10.7908, 5.6536, 3.6306)

Have a look what the booklet for
XYZ(10.7908, 5.6536, 3.6306)
contains.

XYZ(10.8594, 5.6903, 3.6580)	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(10.8594, 5.6903,
3.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	880A33
RGB	136, 10, 51
RGB Percent	53%, 4%, 20%
CMY	0.4667, 0.9607, 0.8000
CMYK	0.00, 0.93, 0.62, 0.47
HSL	340°, 86%, 29%
HSV	340°, 93%, 53%
XYZ	10.8594, 5.6903, 3.6580
YIQ	52.3480, 61.9350, 39.4630

Conversions

Conversions Part 2

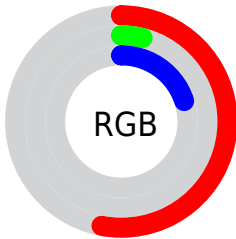
Format	Color
R_{YB}	136, 10, 51
Decimal	8915507
CIE Lab	28.62, 50.30, 12.39
CIE LCh	29, 51.808, 13.839
Yxy	5.6903, 0.5374, 0.2816
Android (android.graphics.Color)	4287105587 (0xFF880A33)
YUV	52.3480, -0.6646, 73.3628
Hunter-Lab	23.8543, 39.5148, 7.6061

Details

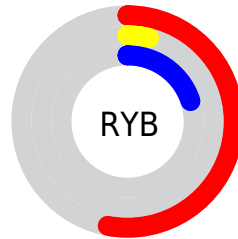
The XYZ color **10.8594, 5.6903, 3.6580** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **10.9957, 18.4993, 13.8211**, and the grayscale version is **3.3020, 3.4739, 3.7831**.

A 20% lighter version of the original color is **27.1121, 17.3627, 13.2316**, and **3.2518, 1.6732, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **10.6125, 5.4179, 2.8933**, and if you desaturate by 10%, it is **11.2923, 6.1998, 4.9010**.

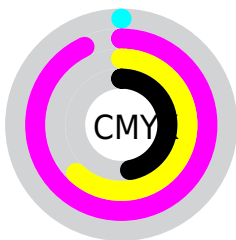
Distribution



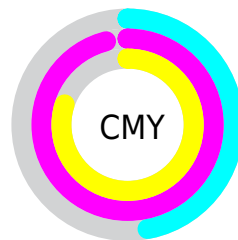
- Red (53%)
- Green (4%)
- Blue (20%)



- Red (53%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (93%)
- Yellow (62%)
- Black (47%)





- Cyan (47%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8594, 5.6903, 3.6580 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 10.8594, 5.6903, 3.6580 by changing the saturation by 10% instead.


 10.8594, 5.6903,
3.6580


 10.8594, 5.6903,
3.6580


190.6287,
156.2890, 144.3446


 6.0390, 2.6577,
1.4397


 27.0351, 17.2851,
13.2130


 2.9097, 0.9558,
0.1724

 39.1212, 26.6161,
21.3867


 1.1062, 0.0000,
0.0000

 54.3597, 38.8153,
32.3827

 0.0303, 0.0000,
0.0000

 73.1163, 54.2672,
46.6194

 0.0000, 0.0000,
0.0000

 95.7560, 73.3561,
64.5154

 122.6445, 96.4664,

86.4893

154.1469,
123.9826, 112.9595

10.8594, 5.6903,
3.6580

10.8594, 5.6903,
3.6580

10.6125, 5.4179,
2.8933

11.2923, 6.1998,
4.9010

11.9067, 7.0048,
6.4122

12.7232, 8.1434,
8.2085

13.7594, 9.6477,
10.3052

15.0308, 11.5460,
12.7160

■ 16.5515, 13.8637,
15.4541

■ 18.3346, 16.6244,
18.5316

■ 20.3919, 19.8494,
21.9601

■ 22.7349, 23.5591,
25.7505

Harmonies

Analogous

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



10.7866, 5.6903, 10.3740



10.8594, 5.6903, 3.6580



9.2134, 5.6903, 0.9408

Triad

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



10.8594, 5.6903, 3.6580



2.9108, 5.6903, 0.8370



4.2808, 5.6903, 27.6734

Complementary

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



10.8594, 5.6903, 3.6580



10.9957, 18.4993, 13.8211

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.



2.8287, 5.6903, 19.5394



10.8594, 5.6903, 3.6580



2.2028, 5.6903, 3.3238

Square

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



10.8594, 5.6903, 3.6580



4.4289, 5.6903, 0.0000



2.1777, 5.6903, 9.6982



6.5228, 5.6903, 28.0310

Rectangle

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



10.8594, 5.6903, 3.6580



7.5735, 5.6903, 0.1985



2.1777, 5.6903, 9.6982



3.7012, 5.6903, 25.5915

Sweetspot

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



10.8595, 5.6906, 3.6581



30.3779, 26.2960, 29.3466



9.1692, 4.3749, 23.6536



6.7702, 5.6813, 6.3337



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.



10.8595, 5.6906, 3.6581



18.6377, 9.5221, 4.7580



10.6985, 6.2368, 0.9276



5.0956, 5.0737, 5.5919



10.0484, 5.1295, 2.7592



0.0729, 0.0365, 0.0509

Inverse Universe

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



10.8595, 5.6906, 3.6581



18.6377, 9.5221, 4.7580



10.7003, 14.1042, 25.4508



5.0956, 5.0737, 5.5919



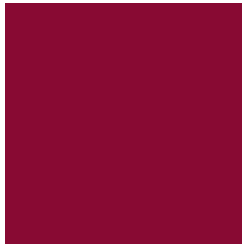
10.0484, 5.1295, 2.7592



0.0729, 0.0365, 0.0509

Previews

White Background



This preview shows how the XYZ color 10.8594, 5.6903, 3.6580 looks on a white background.

Color Contrast Check

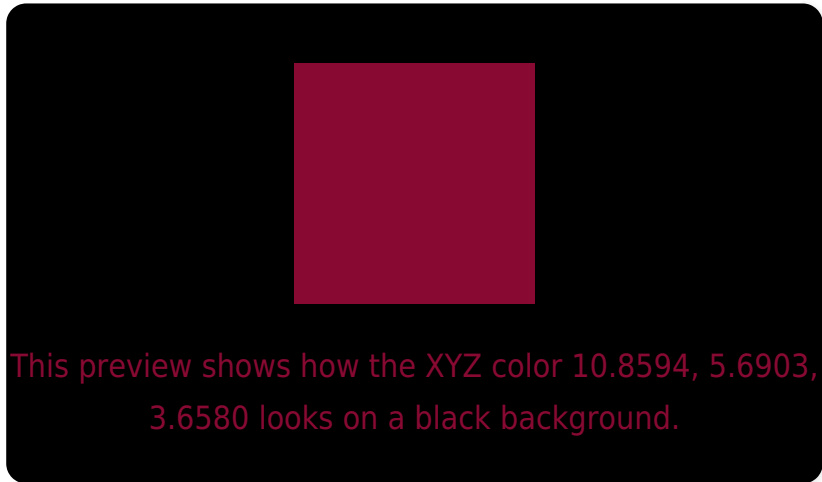
Large Text (above 18pt) WCAG AA ✓ Pass

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

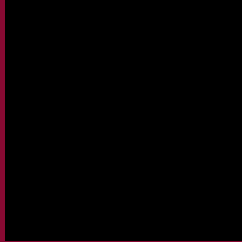
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8594, 5.6903, 3.6580

Background



This preview shows how black text looks on a background with the XYZ color 10.8594, 5.6903, 3.6580.



This preview shows how white text looks on a background with the XYZ color 10.8594, 5.6903,

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

10.8594, 5.6903, 3.6580

Protanopia

5.9520, 6.1768, 7.3571

Deuteranopia

6.1370, 6.0886, 3.3344



Tritanopia

10.4139, 5.7789, 1.2760

Trichromacy



Original Color

10.8594, 5.6903, 3.6580

Protanomaly

6.6564, 4.8869, 5.7467

Deuteranomaly

7.0836, 5.0428, 3.2893

Tritanomaly

10.4687, 5.6878, 1.9126

Monochromacy



Original Color

10.8594, 5.6903, 3.6580

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

4.8487, 3.4101, 3.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8594, 5.6903, 3.6580 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, 10, 51)` looks like.

```
.text, #text, p{  
  color:rgb(136, 10, 51)  
}
```

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, 10, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 10, 51) }
```

Border

The CSS property to change the border of an element to XYZ 10.8594, 5.6903, 3.6580 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, 10, 51) }
```


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

```
.border{ border-color:rgb(136, 10, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 10, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 10, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 10, 51);  
box-shadow:4px 4px 4px 4px rgb(136, 10,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8594, 5.6903, 3.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 10, 51) }
```

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

```
.background{ background-color: rgb(136, 10,  
51) }
```

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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