

Converting Colors

XYZ(10.9703, 5.8804, 3.6086)

Have a look what the booklet for
XYZ(10.9703, 5.8804, 3.6086)
contains.

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Color

**XYZ(10.9295, 5.8654,
3.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	881132
RGB	136, 17, 50
RGB Percent	53%, 7%, 20%
CMY	0.4667, 0.9333, 0.8039
CMYK	0.00, 0.87, 0.63, 0.47
HSL	343°, 78%, 30%
HSV	343°, 87%, 53%
XYZ	10.9295, 5.8654, 3.5737
YIQ	56.3430, 60.3310, 35.4910

Conversions

Conversions Part 2

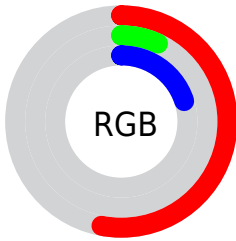
Format	Color
R_{YB}	136, 17, 50
Decimal	8917298
CIE _{Lab}	29.07, 48.87, 13.67
CIE _{LCh}	29, 50.748, 15.630
Yxy	5.8654, 0.5366, 0.2880
Android (android.graphics.Color)	4287107378 (0xFF881132)
YUV	56.3430, -3.1271, 69.8592
Hunter-Lab	24.2186, 38.1720, 8.2042

Details

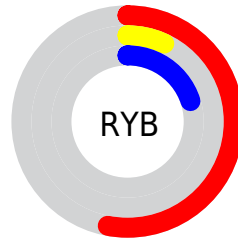
The XYZ color **10.9295, 5.8654, 3.5737** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.4842, 18.7070, 15.8403**, and the grayscale version is **3.8024, 4.0004, 4.3564**.

A 20% lighter version of the original color is **27.2709, 17.7544, 13.0559**, and **3.2409, 1.6688, 0.2375** is the 20% darker color. If you saturate the color by 10%, you get **10.5762, 5.4626, 2.5197**, and if you desaturate by 10%, it is **11.4443, 6.5185, 4.9064**.

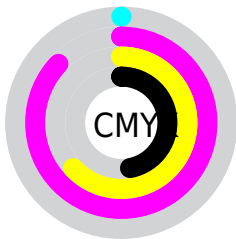
Distribution



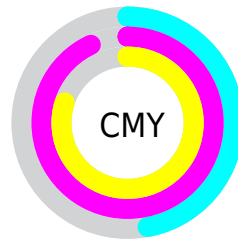
- Red (53%)
- Green (7%)
- Blue (20%)



- Red (53%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (63%)
- Black (47%)




- Cyan (47%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9295, 5.8654, 3.5737 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 10.9295, 5.8654, 3.5737 by changing the saturation by 10% instead.


 10.9295, 5.8654,
3.5737


 10.9295, 5.8654,
3.5737


191.1015,
157.8722, 143.3622


 6.0864, 2.7634,
1.3945


 27.1638, 17.6512,
13.0140


 2.9388, 1.0095,
0.1374

 39.2858, 27.1038,
21.1122


 1.1215, 0.0000,
0.0000

 54.5647, 39.4421,
32.0205

 0.0430, 0.0000,
0.0000

 73.3660, 55.0504,
46.1574

 0.0000, 0.0000,
0.0000

 96.0549, 74.3132,
63.9415

 122.9969, 97.6148,

85.7913

154.5573,
125.3397, 112.1253

10.9295, 5.8654,
3.5737

10.9295, 5.8654,
3.5737

10.5762, 5.4626,
2.5197

11.4443, 6.5185,
4.9064

10.4984, 5.3723,
2.2925

12.1566, 7.4893,
6.5429

13.0860, 8.8130,
8.5021

14.2493, 10.5198,
10.8009

15.6619, 12.6367,
13.4550

■ 17.3375, 15.1880,
16.4793

■ 19.2889, 18.1965,
19.8875

■ 21.5283, 21.6830,
23.6928

■ 24.0668, 25.6672,
27.9076

Harmonies

Analogous

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



10.9685, 5.8654, 10.0224



10.9295, 5.8654, 3.5737



9.2222, 5.8654, 0.9679

Triad

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



10.9295, 5.8654, 3.5737



2.9987, 5.8654, 1.0243



4.5593, 5.8654, 27.7925

Complementary

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



10.9295, 5.8654, 3.5737



11.4842, 18.7070, 15.8403

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.



3.0438, 5.8654, 20.1560



10.9295, 5.8654, 3.5737



2.3233, 5.8654, 3.7572

Square

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



10.9295, 5.8654, 3.5737



4.4787, 5.8654, 0.0873



2.3372, 5.8654, 10.3854



6.8368, 5.8654, 27.6032

Rectangle

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



10.9295, 5.8654, 3.5737



7.5790, 5.8654, 0.2723



2.3372, 5.8654, 10.3854



3.9595, 5.8654, 25.9085

Sweetspot

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



10.9296, 5.8658, 3.5738



30.8522, 27.2233, 29.5699



10.1565, 5.0204, 23.7261



6.9259, 5.9691, 6.4586



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.



10.9296, 5.8658, 3.5738



18.4430, 9.4442, 3.7324



11.1109, 6.9874, 1.2939



5.0862, 5.0699, 5.5422



9.9400, 5.0861, 2.1886



0.0716, 0.0360, 0.0438

Inverse Universe

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



10.9296, 5.8658, 3.5738



18.4430, 9.4442, 3.7324



10.2749, 13.0960, 25.2787



5.0862, 5.0699, 5.5422



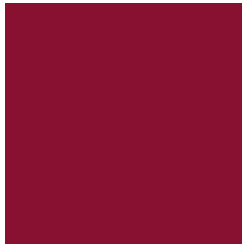
9.9400, 5.0861, 2.1886



0.0716, 0.0360, 0.0438

Previews

White Background



This preview shows how the XYZ color 10.9295, 5.8654, 3.5737 looks on a white background.

Color Contrast Check

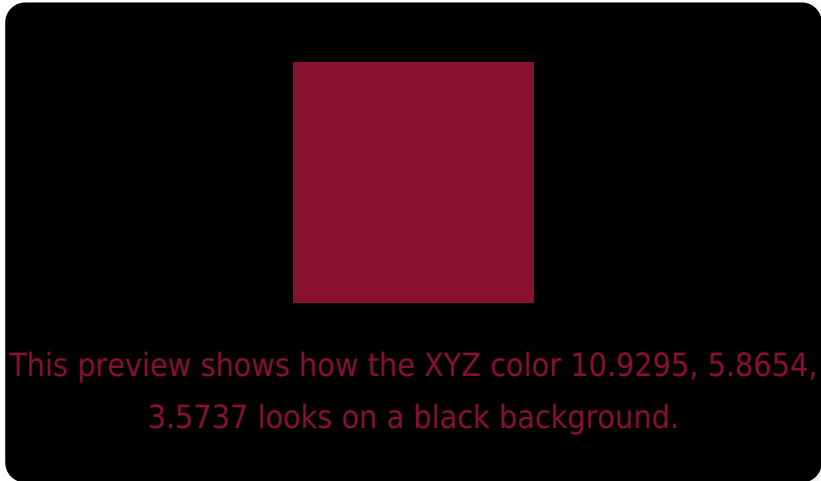
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9295, 5.8654, 3.5737

Background



This preview shows how black text looks on a background with the XYZ color 10.9295, 5.8654, 3.5737.



This preview shows how white text looks on a background with the XYZ color 10.9295, 5.8654,

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

10.9295, 5.8654, 3.5737

Protanopia

6.0323, 6.2259, 7.0147

Deuteranopia

6.2681, 6.2474, 3.2584



Tritanopia

10.5042, 5.9121, 1.4517

Trichromacy



Original Color

10.9295, 5.8654, 3.5737

Protanomaly

6.8286, 5.1707, 5.4886

Deuteranomaly

7.3004, 5.3369, 3.2301

Tritanomaly

10.5531, 5.8345, 2.0088

Monochromacy



Original Color

10.9295, 5.8654, 3.5737

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.2401, 3.8536, 3.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9295, 5.8654, 3.5737 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, 17, 50)` looks like.

```
.text, #text, p{  
    color:rgb(136, 17, 50)  
}
```

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, 17, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 17, 50) }
```

Border

The CSS property to change the border of an element to XYZ 10.9295, 5.8654, 3.5737 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, 17, 50) }
```


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

```
.border{ border-color:rgb(136, 17, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 17, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 17, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 17, 50);  
box-shadow:4px 4px 4px 4px rgb(136, 17,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9295, 5.8654, 3.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 17, 50) }
```

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

```
.background{ background-color: rgb(136, 17,  
50) }
```

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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