

Converting Colors

XYZ(9.3373, 2.2277, 3.2514)

Have a look what the booklet for
XYZ(9.3373, 2.2277, 3.2514)
contains.

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Color

**XYZ(10.9591, 5.5754,
3.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	890035
RGB	137, 0, 53
RGB Percent	54%, 0%, 21%
CMY	0.4627, 0.9999, 0.7922
CMYK	0.00, 1.00, 0.61, 0.46
HSL	337°, 100%, 27%
HSV	337°, 100%, 54%
XYZ	10.9591, 5.5754, 3.8667
YIQ	47.0050, 64.6390, 45.5270

Conversions

Conversions Part 2

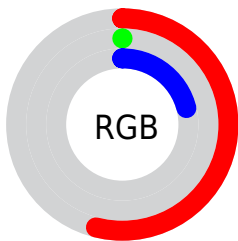
Format	Color
RYB	137, 0, 53
Decimal	8978485
CIELab	28.31, 52.35, 10.67
CIElCh	28, 53.423, 11.517
Yxy	5.5754, 0.5372, 0.2733
Android (android.graphics.Color)	4287168565 (0xFF890035)
YUV	47.0050, 2.9555, 78.9256
Hunter-Lab	23.6123, 41.5252, 6.8194

Details

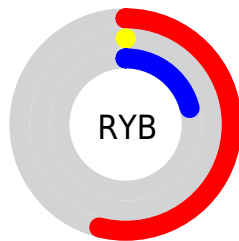
The XYZ color **10.9591, 5.5754, 3.8667** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **10.5467, 18.5316, 11.4121**, and the grayscale version is **2.6955, 2.8359, 3.0883**.

A 20% lighter version of the original color is **27.2072, 17.0169, 13.6550**, and **3.3521, 1.7230, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **10.9588, 5.5753, 3.8654**, and if you desaturate by 10%, it is **11.3229, 5.9661, 5.0265**.

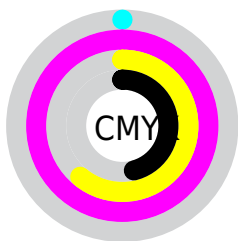
Distribution



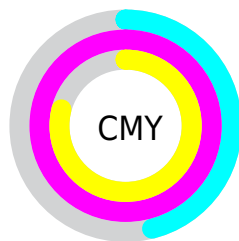
- Red (54%)
- Green (0%)
- Blue (21%)



- Red (54%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9591, 5.5754, 3.8667 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 10.9591, 5.5754, 3.8667 by changing the saturation by 10% instead.

10.9591, 5.5754,
3.8667

10.9591, 5.5754,
3.8667

191.3008,
155.2383, 146.7320

6.1064, 2.5887,
1.5525

27.2181, 17.0436,
13.7011

2.9512, 0.9210,
0.2566

39.3552, 26.2938,
22.0585

1.1280, 0.0000,
0.0000

54.6511, 38.4007,
33.2673

0.0483, 0.0000,
0.0000

73.4712, 53.7486,
47.7461

0.0000, 0.0000,
0.0000

96.1809, 72.7219,
65.9134

123.1455, 95.7050,

88.1878

154.7304,
123.0824, 114.9878

10.9591, 5.5754,
3.8667

10.9591, 5.5754,
3.8667

10.9588, 5.5753,
3.8654

11.3229, 5.9661,
5.0265

11.8173, 6.5612,
6.4052

12.4959, 7.4653,
8.0283

13.3781, 8.7150,
9.9093

14.4808, 10.3417,
12.0606

■ 15.8188, 12.3732,
14.4936

■ 17.4057, 14.8345,
17.2190

■ 19.2540, 17.7489,
20.2467

■ 21.3753, 21.1376,
23.5863

Harmonies

Analogous

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



10.7337, 5.5754, 11.0687



10.9591, 5.5754, 3.8667



9.3743, 5.5754, 0.9374

Triad

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



10.9591, 5.5754, 3.8667



2.8647, 5.5754, 0.6165



4.0109, 5.5754, 27.9267

Complementary

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



10.9591, 5.5754, 3.8667



10.5467, 18.5316, 11.4121

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.



2.6185, 5.5754, 19.0273



10.9591, 5.5754, 3.8667



2.1020, 5.5754, 2.8624

Square

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



10.9591, 5.5754, 3.8667



4.4602, 5.5754, 0.0000



2.0274, 5.5754, 8.9844



6.2375, 5.5754, 29.0492

Rectangle

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



10.9591, 5.5754, 3.8667



7.7151, 5.5754, 0.1302



2.0274, 5.5754, 8.9844



3.4490, 5.5754, 25.5509

Sweetspot

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



10.9592, 5.5757, 3.8668



30.9644, 26.2436, 30.4901



8.0132, 3.6096, 23.9411



6.7042, 5.5109, 6.4301



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.



10.9592, 5.5757, 3.8668



19.5505, 9.9544, 6.5279



10.4698, 5.6248, 0.5344



5.1077, 5.0785, 5.6558



10.2137, 5.1956, 3.6299



0.0746, 0.0372, 0.0599

Inverse Universe

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



10.9592, 5.5757, 3.8668



19.5505, 9.9544, 6.5279



11.6359, 16.0470, 26.1508



5.1077, 5.0785, 5.6558



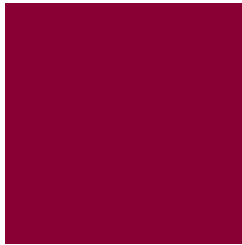
10.2137, 5.1956, 3.6299



0.0746, 0.0372, 0.0599

Previews

White Background



This preview shows how the XYZ color 10.9591, 5.5754, 3.8667 looks on a white background.

Color Contrast Check

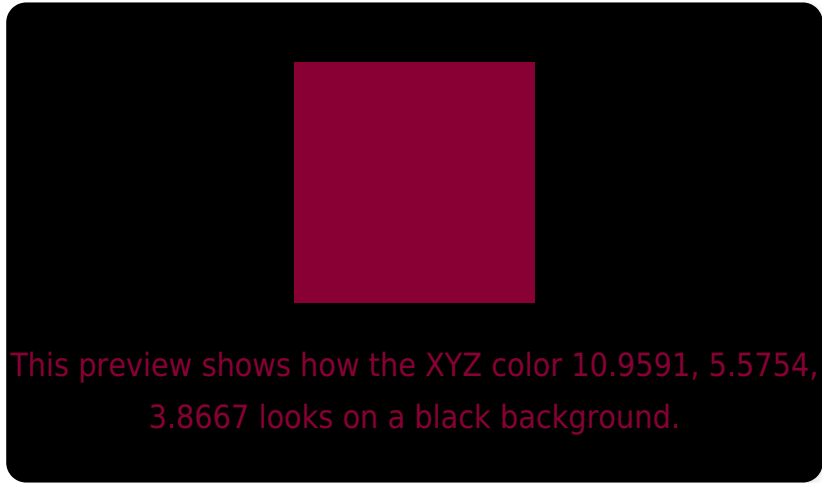
Large Text (above 18pt) WCAG AA ✓ Pass

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

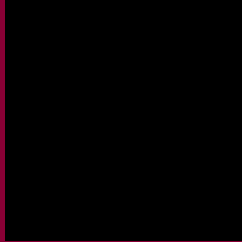
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9591, 5.5754, 3.8667

Background



This preview shows how black text looks on a background with the XYZ color 10.9591, 5.5754, 3.8667.



This preview shows how white text looks on a background with the XYZ color 10.9591, 5.5754,

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

10.9591, 5.5754, 3.8667

Protanopia

6.0555, 6.2182, 7.9023

Deuteranopia

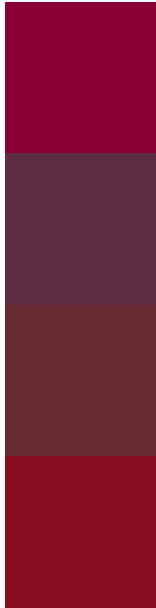
6.1764, 6.1044, 3.5421



Tritanopia

10.5478, 5.8211, 1.2295

Trichromacy



Original Color

10.9591, 5.5754, 3.8667

Protanomaly

6.5979, 4.6738, 6.0232

Deuteranomaly

7.0118, 4.8331, 3.4690

Tritanomaly

10.5580, 5.6264, 1.8960

Monochromacy



Original Color

10.9591, 5.5754, 3.8667

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.3269, 2.8558, 3.2289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9591, 5.5754, 3.8667 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(137, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 53)  
}
```

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(137, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 53) }
```

Border

The CSS property to change the border of an element to XYZ 10.9591, 5.5754, 3.8667 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(137, 0, 53) }
```


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

```
.border{ border-color:rgb(137, 0, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 0, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(137, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9591, 5.5754, 3.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 53) }
```

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

```
.background{ background-color: rgb(137, 0,  
53) }
```

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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