

Converting Colors

XYZ(10.5804, 5.9723, 1.7089)

Have a look what the booklet for
XYZ(10.5804, 5.9723, 1.7089)
contains.

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Color

**XYZ(10.5707, 5.9735,
1.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	871A1C
RGB	135, 26, 28
RGB Percent	53%, 10%, 11%
CMY	0.4706, 0.8980, 0.8902
CMYK	0.00, 0.81, 0.79, 0.47
HSL	359°, 68%, 32%
HSV	359°, 81%, 53%
XYZ	10.5707, 5.9735, 1.6945
YIQ	58.8190, 64.3220, 23.7300

Conversions

Conversions Part 2

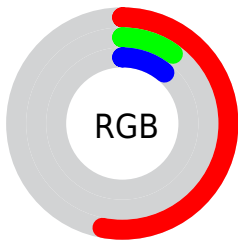
Format	Color
R_{YB}	135, 26, 28
Decimal	8854044
CIE _{Lab}	29.35, 45.00, 28.25
CIE _{LCh}	29, 53.128, 32.121
Yxy	5.9735, 0.5796, 0.3275
Android (android.graphics.Color)	4287044124 (0xFF871A1C)
YUV	58.8190, -15.1938, 66.8107
Hunter-Lab	24.4407, 34.4305, 12.9979

Details

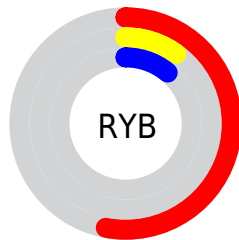
The XYZ color **10.5707, 5.9735, 1.6945** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.3243, 19.2413, 25.2044**, and the grayscale version is **4.1467, 4.3627, 4.7510**.

A 20% lighter version of the original color is **26.6178, 17.9548, 8.1936**, and **3.0606, 1.5778, 0.1432** is the 20% darker color. If you saturate the color by 10%, you get **10.2138, 5.4601, 0.9581**, and if you desaturate by 10%, it is **11.1386, 6.7974, 2.8461**.

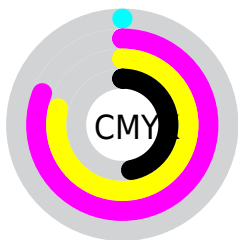
Distribution



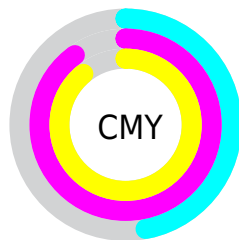
- Red (53%)
- Green (10%)
- Blue (11%)



- Red (53%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (81%)
- Yellow (79%)
- Black (47%)



- Cyan (47%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5707, 5.9735, 1.6945 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 10.5707, 5.9735, 1.6945 by changing the saturation by 10% instead.

10.5707, 5.9735,
1.6945

10.5707, 5.9735,
1.6945

188.6679,
158.8392, 117.4366

5.8441, 2.8290,
0.3570

26.5036, 17.8761,
8.1874

2.7903, 1.0431,
0.0000

38.4406, 27.4030,
14.2984

1.0438, 0.0000,
0.0000

53.5118, 39.8261,
22.8772

0.0000, 0.0000,
0.0000

72.0825, 55.5299,
34.3423


94.5181, 74.8987,
49.1123


121.1840, 98.3169,


67.6056


 152.4455,
126.1689, 90.2409


 10.5707, 5.9735,
1.6945


 10.5707, 5.9735,
1.6945


 10.2138, 5.4601,
0.9581


 11.1386, 6.7974,
2.8461

 10.0052, 5.1563,
0.5388

 11.9429, 7.9689,
4.4615

 13.0057, 9.5213,
6.5829

 14.3466, 11.4836,
9.2476

 15.9831, 13.8820,
12.4896

■ 17.9314, 16.7404,
16.3398

■ 20.2066, 20.0812,
20.8272

■ 22.8227, 23.9251,
25.9788

■ 25.7929, 28.2919,
31.8201

Harmonies

Analogous

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



11.6748, 5.9735, 6.0256



10.5707, 5.9735, 1.6945



8.1294, 5.9735, 0.2541

Triad

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



10.5707, 5.9735, 1.6945



2.4897, 5.9735, 2.0654



5.8507, 5.9735, 30.7893

Complementary

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



10.5707, 5.9735, 1.6945



13.3243, 19.2413, 25.2044

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.



3.7762, 5.9735, 26.6745



10.5707, 5.9735, 1.6945



2.1939, 5.9735, 7.0073

Square

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



10.5707, 5.9735, 1.6945



3.5546, 5.9735, 0.3915



2.5899, 5.9735, 16.4085



8.5123, 5.9735, 25.4368

Rectangle

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



10.5707, 5.9735, 1.6945



6.3362, 5.9735, 0.0000



2.5899, 5.9735, 16.4085



5.0663, 5.9735, 30.4632

Sweetspot

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



10.5708, 5.9739, 1.6946



30.7176, 27.9328, 26.5080



14.1597, 7.3430, 23.5927



6.8627, 6.1004, 5.6426



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.



10.5708, 5.9739, 1.6946



17.9965, 9.3573, 1.0988



12.8230, 10.5152, 2.3315



4.6758, 4.6900, 4.9049



9.2266, 4.7550, 0.4998



0.0322, 0.0166, 0.0028

Inverse Universe

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



10.5708, 5.9739, 1.6946



17.9965, 9.3573, 1.0988



7.9803, 8.3309, 24.1090



4.6758, 4.6900, 4.9049



9.2266, 4.7550, 0.4998



0.0322, 0.0166, 0.0028

Previews

White Background



This preview shows how the XYZ color 10.5707, 5.9735, 1.6945 looks on a white background.

Color Contrast Check

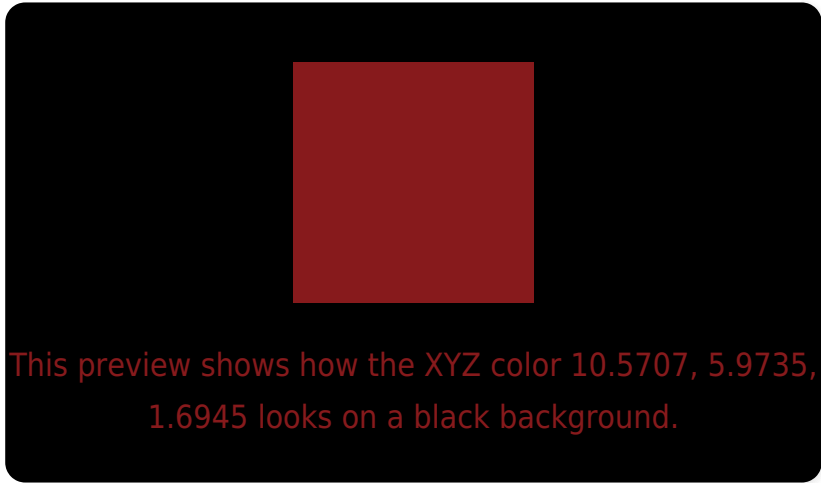
Large Text (above 18pt) WCAG AA ✓ Pass

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

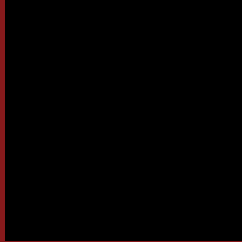
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5707, 5.9735, 1.6945

Background



This preview shows how black text looks on a background with the XYZ color 10.5707, 5.9735, 1.6945.



This preview shows how white text looks on a background with the XYZ color 10.5707, 5.9735,

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

10.5707, 5.9735, 1.6945

Protanopia

5.7954, 6.2863, 3.0057

Deuteranopia

6.2445, 6.1852, 1.4808



Tritanopia

10.5475, 5.9643, 1.5726

Trichromacy



Original Color

10.5707, 5.9735, 1.6945

Protanomaly

6.8302, 5.5124, 2.3731

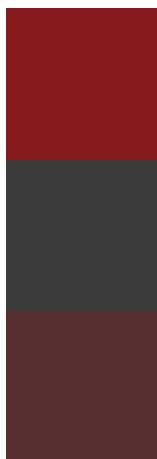
Deuteranomaly

7.3167, 5.5781, 1.4501

Tritanomaly

10.5589, 5.9688, 1.6325

Monochromacy



Original Color

10.5707, 5.9735, 1.6945

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

5.4805, 4.2727, 3.3322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5707, 5.9735, 1.6945 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(135, 26, 28)` looks like.

```
.text, #text, p{  
    color:rgb(135, 26, 28)  
}
```

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(135, 26, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 26, 28) }
```

Border

The CSS property to change the border of an element to XYZ 10.5707, 5.9735, 1.6945 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(135, 26, 28) }
```


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

```
.border{ border-color:rgb(135, 26, 28) }
```

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

Here you see how a box with a 4 pixel rgb(135, 26, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 26, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 26, 28);  
box-shadow:4px 4px 4px 4px rgb(135, 26,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5707, 5.9735, 1.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 26, 28) }
```

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

```
.background{ background-color: rgb(135, 26,  
28) }
```

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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