

Converting Colors

XYZ(10.5351, 5.5790, 0.5216)

Have a look what the booklet for
XYZ(10.5351, 5.5790, 0.5216)
contains.

XYZ(10.5789, 5.5986, 0.5231)	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(10.5789, 5.5986,
0.5231)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0900
RGB	138, 9, 0
RGB Percent	54%, 4%, 0%
CMY	0.4588, 0.9646, 1.0000
CMYK	0.00, 0.93, 1.00, 0.46
HSL	4°, 100%, 27%
HSV	4°, 100%, 54%
XYZ	10.5789, 5.5986, 0.5231
YIQ	46.5450, 79.7730, 24.5490

Conversions

Conversions Part 2

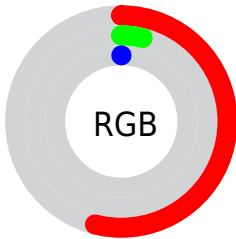
Format	Color
R_{YB}	138, 10, 0
Decimal	9046272
CIE Lab	28.38, 49.24, 41.44
CIE LCh	28, 64.355, 40.088
Yxy	5.5986, 0.6334, 0.3352
Android (android.graphics.Color)	4287236352 (0xFF8A0900)
YUV	46.5450, -22.9467, 80.2060
Hunter-Lab	23.6614, 38.3993, 15.2522

Details

The XYZ color **10.5789, 5.5986, 0.5231** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **12.4357, 17.5315, 26.7730**, and the grayscale version is **2.6722, 2.8114, 3.0616**.

A 20% lighter version of the original color is **26.3836, 16.9821, 4.5766**, and **3.1419, 1.6197, 0.1470** is the 20% darker color. If you saturate the color by 10%, you get **10.5790, 5.5989, 0.5231**, and if you desaturate by 10%, it is **10.8444, 6.0050, 0.9959**.

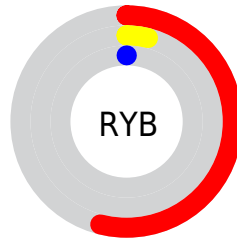
Distribution



Red (54%)

Green (4%)

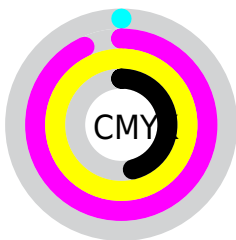
Blue (0%)



Red (54%)

Yellow (4%)

Blue (0%)

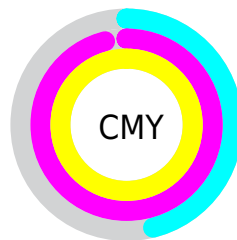


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (46%)



Cyan (46%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5789, 5.5986, 0.5231 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 10.5789, 5.5986, 0.5231 by changing the saturation by 10% instead.


 10.5789, 5.5986,
0.5231


 10.5789, 5.5986,
0.5231


 188.7239,
155.4512, 93.7089


 5.8496, 2.6026,
0.0000


 26.5187, 17.0924,
4.5791


 2.7937, 0.9280,
0.0000


 38.4600, 26.3591,
8.8985

 1.0456, 0.0000,
0.0000

 53.5360, 38.4846,
15.3248

 0.0000, 0.0000,
0.0000


 72.1120, 53.8536,
24.2765


 94.5534, 72.8504,
36.1723

 121.2257, 95.8593,


51.4305


 152.4940,
123.2648, 70.4699


 10.5789, 5.5986,
0.5231


 10.5789, 5.5986,
0.5231


 10.5790, 5.5989,
0.5231

 10.8444, 6.0050,
0.9959

 11.2816, 6.6763,
1.7678

 11.9336, 7.6565,
2.9836

 12.8236, 8.9770,
4.6966

 13.9715, 10.6651,
6.9526

■ 15.3952, 12.7455,
9.7921

■ 17.1111, 15.2406,
13.2519

■ 19.1342, 18.1712,
17.3655

■ 21.4786, 21.5567,
22.1643

Harmonies

Analogous

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



12.5544, 5.5986, 3.7790



10.5789, 5.5986, 0.5231



7.3681, 5.5986, 0.0000

Triad

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



10.5789, 5.5986, 0.5231



1.7004, 5.5986, 2.2146



6.3187, 5.5986, 37.2438

Complementary

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



10.5789, 5.5986, 0.5231



12.4357, 17.5315, 26.7730

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.



3.6937, 5.5986, 35.0114



10.5789, 5.5986, 0.5231



1.5915, 5.5986, 9.2068

Square

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



10.5789, 5.5986, 0.5231



2.5578, 5.5986, 0.0000



2.1791, 5.5986, 22.3358



9.5836, 5.5986, 27.0616

Rectangle

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



10.5789, 5.5986, 0.5231



5.3130, 5.5986, 0.0000



2.1791, 5.5986, 22.3358



5.3296, 5.5986, 38.0442

Sweetspot

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



10.5790, 5.5990, 0.5232



29.9513, 26.5591, 22.9331



14.5847, 7.0447, 22.0992



6.4606, 5.5833, 4.6238



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.



10.5790, 5.5990, 0.5232



18.6024, 9.7790, 0.9071



13.0587, 10.5584, 1.3497



5.0574, 5.0977, 5.2698



9.7038, 5.1421, 0.4811



0.0675, 0.0401, 0.0042

Inverse Universe

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



12.4357, 17.5315, 26.7730



21.8755, 30.8132, 47.1777



6.3155, 5.2912, 24.7330



5.1454, 5.6336, 6.4221



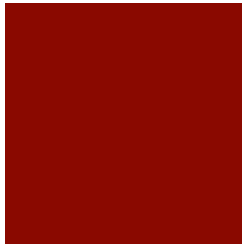
11.4059, 16.0822, 24.5487



0.0797, 0.1147, 0.1644

Previews

White Background



This preview shows how the XYZ color 10.5789, 5.5986, 0.5231 looks on a white background.

Color Contrast Check

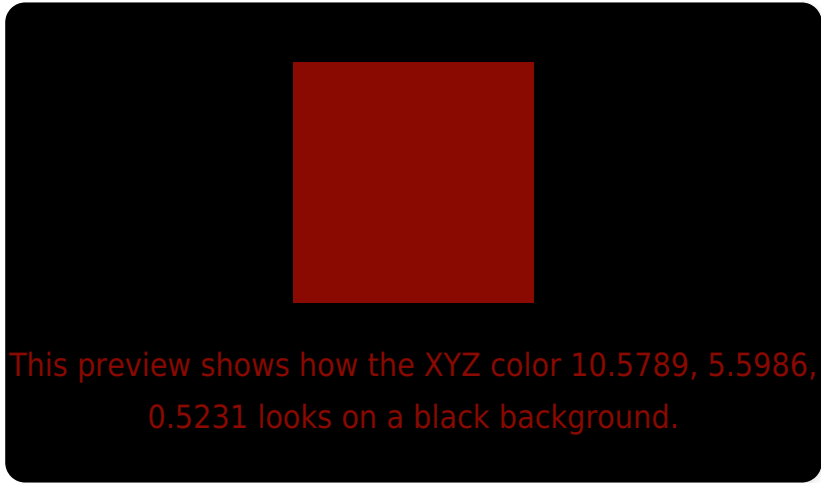
Large Text (above 18pt) WCAG AA ✓ Pass

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

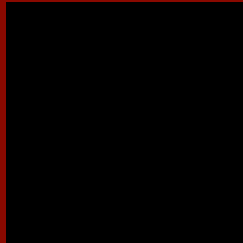
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5789, 5.5986, 0.5231

Background



This preview shows how black text looks on a background with the XYZ color 10.5789, 5.5986, 0.5231.



This preview shows how white text looks on a background with the XYZ color 10.5789, 5.5986,

0.5231.

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

10.5789, 5.5986, 0.5231

Protanopia

5.4412, 6.0437, 1.4520

Deuteranopia

5.9727, 5.9711, 0.8377



Tritanopia

10.4480, 5.5813, 0.5266

Trichromacy



Original Color

10.5789, 5.5986, 0.5231

Protanomaly

6.3729, 4.8474, 0.9164

Deuteranomaly

6.8822, 4.9409, 0.5910

Tritanomaly

10.4362, 5.5577, 0.5227

Monochromacy



Original Color

10.5789, 5.5986, 0.5231

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.0865, 2.8869, 1.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5789, 5.5986, 0.5231 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(138, 9, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 9, 0)  
}
```

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(138, 9, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 9, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.5789, 5.5986, 0.5231 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(138, 9, 0) }
```


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

```
.border{ border-color:rgb(138, 9, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 9, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 9, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(138, 9, 0); box-shadow:4px  
4px 4px 4px rgb(138, 9, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5789, 5.5986, 0.5231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 9, 0) }
```

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

```
.background{ background-color: rgb(138, 9,  
0) }
```

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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