

Converting Colors

XYZ(10.2604, 5.6880, 0.5577)

Have a look what the booklet for
XYZ(10.2604, 5.6880, 0.5577)
contains.

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Color

**XYZ(10.2598, 5.6872,
0.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	871500
RGB	135, 21, 0
RGB Percent	53%, 8%, 0%
CMY	0.4706, 0.9176, 1.0000
CMYK	0.00, 0.84, 1.00, 0.47
HSL	9°, 100%, 26%
HSV	9°, 100%, 53%
XYZ	10.2598, 5.6872, 0.5570
YIQ	52.6920, 74.6850, 17.6370

Conversions

Conversions Part 2

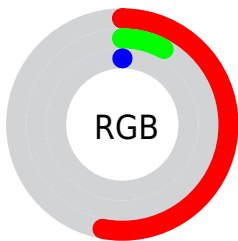
Format	Color
R_YB	135, 25, 0
Decimal	8852736
CIE Lab	28.61, 45.79, 41.36
CIE LCh	29, 61.702, 42.090
Yxy	5.6872, 0.6217, 0.3446
Android (android.graphics.Color)	4287042816 (0xFF871500)
YUV	52.6920, -25.9772, 72.1841
Hunter-Lab	23.8479, 35.0604, 15.3087

Details

The XYZ color **10.2598, 5.6872, 0.5570** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **10.3893, 13.7816, 25.0339**, and the grayscale version is **3.3713, 3.5469, 3.8626**.

A 20% lighter version of the original color is **25.9319, 17.2488, 4.6519**, and **2.9805, 1.5365, 0.1395** is the 20% darker color. If you saturate the color by 10%, you get **10.2599, 5.6875, 0.5570**, and if you desaturate by 10%, it is **10.5951, 6.2364, 1.0433**.

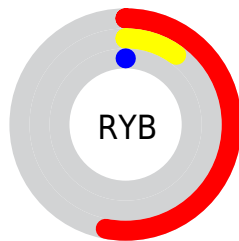
Distribution



Red (53%)

Green (8%)

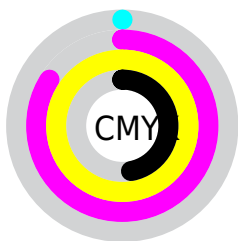
Blue (0%)



Red (53%)

Yellow (10%)

Blue (0%)

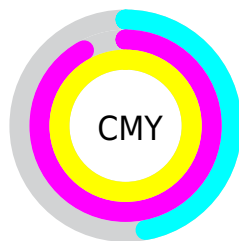


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (47%)



Cyan (47%)


Magenta (92%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 10.2598, 5.6872, 0.5570 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 10.2598, 5.6872, 0.5570 by changing the saturation by 10% instead.


 10.2598, 5.6872,
0.5570


 10.2598, 5.6872,
0.5570


 186.5315,
156.2608, 94.4272


 5.6351, 2.6558,
0.0000

 25.9283, 17.2786,
4.6756


 2.6631, 0.9548,
0.0000


 37.7028, 26.6074,
9.0485

 0.9782, 0.0000,
0.0000

 52.5914, 38.8042,
15.5401

 0.0000, 0.0000,
0.0000


 70.9593, 54.2532,
24.5689

 93.1719, 73.3391,
36.5535


 119.5945, 96.4460,


51.9124


 150.5926,
123.9584, 71.0641


 10.2598, 5.6872,
0.5570

 10.2598, 5.6872,
0.5570


 10.2599, 5.6875,
0.5570

 10.5951, 6.2364,
1.0433

 11.0830, 7.0171,
1.8073

 11.7592, 8.0596,
2.9883

 12.6413, 9.3848,
4.6353

 13.7445, 11.0117,
6.7903

■ 15.0829, 12.9572,
9.4907

■ 16.6691, 15.2372,
12.7703

■ 18.5149, 17.8666,
16.6602

■ 20.6313, 20.8592,
21.1893

Harmonies

Analogous

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



12.2575, 5.6872, 3.5660



10.2598, 5.6872, 0.5570



7.1689, 5.6872, 0.0000

Triad

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



10.2598, 5.6872, 0.5570



1.8119, 5.6872, 2.6470



6.5704, 5.6872, 35.1859

Complementary

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



10.2598, 5.6872, 0.5570



10.3893, 13.7816, 25.0339

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.



3.9580, 5.6872, 33.9536



10.2598, 5.6872, 0.5570



1.7467, 5.6872, 9.8679

Square

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



10.2598, 5.6872, 0.5570



2.6139, 5.6872, 0.2473



2.3904, 5.6872, 22.5170



9.6977, 5.6872, 25.1427

Rectangle

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



10.2598, 5.6872, 0.5570



5.2179, 5.6872, 0.0000



2.3904, 5.6872, 22.5170



5.5976, 5.6872, 36.2168

Sweetspot

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



10.2599, 5.6876, 0.5571



29.6461, 26.9933, 22.4408



13.0717, 6.3829, 16.6873



6.6146, 5.8912, 4.6751



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.



10.2599, 5.6876, 0.5571



18.2940, 10.0258, 0.9710



13.4608, 12.0893, 1.6240



4.7268, 4.7972, 4.9062



9.4680, 5.2586, 0.5160



0.0362, 0.0251, 0.0029

Inverse Universe

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



10.3893, 13.7816, 25.0339



18.5106, 24.4908, 44.7999



5.3997, 3.8024, 23.3707



4.7416, 5.1588, 5.9466



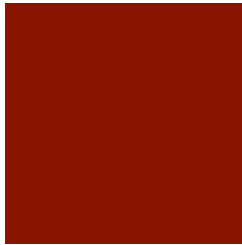
9.5881, 12.7241, 23.0873



0.0373, 0.0523, 0.0814

Previews

White Background



This preview shows how the XYZ color 10.2598, 5.6872, 0.5570 looks on a white background.

Color Contrast Check

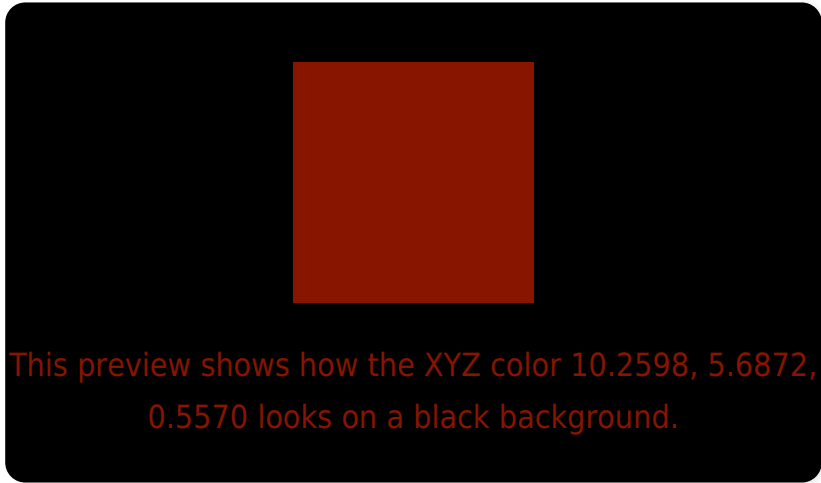
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.2598, 5.6872, 0.5570

Background



This preview shows how black text looks on a background with the XYZ color 10.2598, 5.6872, 0.5570.



This preview shows how white text looks on a background with the XYZ color 10.2598, 5.6872,

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

10.2598, 5.6872, 0.5570

Protanopia

5.4332, 6.0405, 1.4099

Deuteranopia

5.9727, 5.9711, 0.8377



Tritanopia

10.3510, 5.6949, 1.1259

Trichromacy



Original Color

10.2598, 5.6872, 0.5570

Protanomaly

6.4340, 5.1328, 0.9682

Deuteranomaly

6.9663, 5.2845, 0.6528

Tritanomaly

10.3022, 5.6754, 0.8691

Monochromacy



Original Color

10.2598, 5.6872, 0.5570

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

4.6490, 3.5404, 1.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2598, 5.6872, 0.5570 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, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 21, 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(135, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 21, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.2598, 5.6872, 0.5570 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, 21, 0) }
```


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

```
.border{ border-color:rgb(135, 21, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 21, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 21, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 21, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 21, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2598, 5.6872, 0.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 21, 0) }
```

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

```
.background{ background-color: rgb(135, 21,  
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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