

Converting Colors

XYZ(10.6031, 6.8711, 2.9220)

Have a look what the booklet for
XYZ(10.6031, 6.8711, 2.9220)
contains.

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Color

**XYZ(10.6008, 6.8670,
2.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	822E2A
RGB	130, 46, 42
RGB Percent	51%, 18%, 16%
CMY	0.4902, 0.8196, 0.8353
CMYK	0.00, 0.65, 0.68, 0.49
HSL	3°, 51%, 34%
HSV	3°, 68%, 51%
XYZ	10.6008, 6.8670, 2.9572
YIQ	70.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

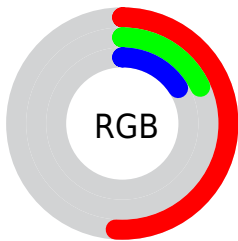
Format	Color
R_{YB}	130, 46, 42
Decimal	8531498
CIE Lab	31.50, 35.93, 21.78
CIE LCh	32, 42.015, 31.228
Yxy	6.8670, 0.5190, 0.3362
Android (android.graphics.Color)	4286721578 (0xFF822E2A)
YUV	70.6600, -14.1294, 52.0412
Hunter-Lab	26.2050, 26.3507, 11.6527

Details

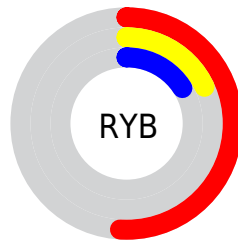
The XYZ color **10.6008, 6.8670, 2.9572** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **12.4441, 17.0240, 23.7489**, and the grayscale version is **5.9492, 6.2590, 6.8160**.

A 20% lighter version of the original color is **26.6422, 19.7452, 11.4238**, and **2.9017, 1.4959, 0.1358** is the 20% darker color. If you saturate the color by 10%, you get **9.9882, 5.9557, 1.7855**, and if you desaturate by 10%, it is **11.4294, 8.0896, 4.5735**.

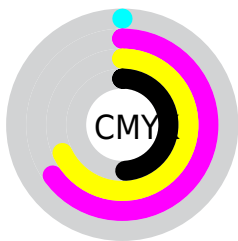
Distribution



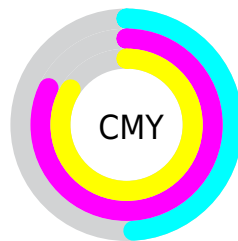
- Red (51%)
- Green (18%)
- Blue (16%)



- Red (51%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (68%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6008, 6.8670, 2.9572 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 10.6008, 6.8670, 2.9572 by changing the saturation by 10% instead.

■ 10.6008, 6.8670,
2.9572

■ 10.6008, 6.8670,
2.9572

188.8733,
166.5539, 135.8136

■ 5.8644, 3.3791,
1.0728

■ 26.5591, 19.7051,
11.5226

■ 2.8027, 1.3327,
0.0000

■ 38.5117, 29.8241,
19.0408

■ 1.0503, 0.1663,
0.0000

■ 53.6005, 42.9223,
29.2739

■ 0.0000, 0.0000,
0.0000

■ 72.1907, 59.3840,
42.6406

■ 94.6477, 79.5936,
59.5594

■ 121.3369,

103.9355, 80.4488

152.6237,
132.7942, 105.7274

10.6008, 6.8670,
2.9572

10.6008, 6.8670,
2.9572

9.9882, 5.9557,
1.7855

11.4294, 8.0896,
4.5735

9.5710, 5.3265,
1.0139

12.4912, 9.6470,
6.6726

9.3176, 4.9430,
0.5492

13.8019, 11.5617,
9.2888

9.2700, 4.8742,
0.4522

15.3762, 13.8539,
12.4533

17.2271, 16.5423,
16.1949

■ 19.3673, 19.6445,
20.5402

■ 21.8082, 23.1768,
25.5144

■ 24.5610, 27.1549,
31.1409

■ 27.6361, 31.5935,
37.4423

Harmonies

Analogous

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



11.4244, 6.8670, 7.2331



10.6008, 6.8670, 2.9572



8.6581, 6.8670, 1.2462

Triad

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



10.6008, 6.8670, 2.9572



3.6005, 6.8670, 3.1934



6.6134, 6.8670, 25.8906

Complementary

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



10.6008, 6.8670, 2.9572



12.4441, 17.0240, 23.7489

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.



4.7777, 6.8670, 22.7788



10.6008, 6.8670, 2.9572



3.2776, 6.8670, 7.7263

Square

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



10.6008, 6.8670, 2.9572



4.6575, 6.8670, 1.3224



3.6587, 6.8670, 15.1702



8.8394, 6.8670, 22.2645

Rectangle

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



10.6008, 6.8670, 2.9572



7.1590, 6.8670, 0.8942



3.6587, 6.8670, 15.1702



5.9331, 6.8670, 25.5898

Sweetspot

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



10.6010, 6.8674, 2.9573



29.3887, 27.7538, 26.5971



13.8689, 7.9357, 20.9020



6.4767, 6.0275, 5.6657



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6010, 6.8674, 2.9573



17.1718, 9.8599, 2.3630



13.1905, 12.0466, 3.8205



4.3423, 4.3733, 4.5354



8.8901, 4.6765, 0.4341



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.4441, 17.0240, 23.7489



20.6278, 29.0191, 41.7065



8.0824, 8.3006, 22.2950



4.4302, 4.8544, 5.5168



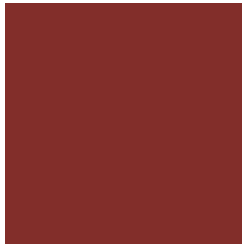
10.7857, 15.3900, 22.6520



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.6008, 6.8670, 2.9572 looks on a white background.

Color Contrast Check

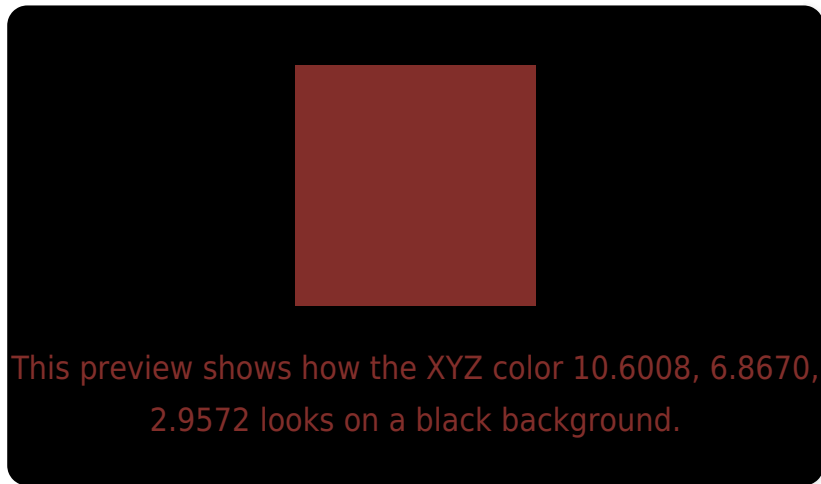
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6008, 6.8670, 2.9572

Background



This preview shows how black text looks on a background with the XYZ color 10.6008, 6.8670, 2.9572.

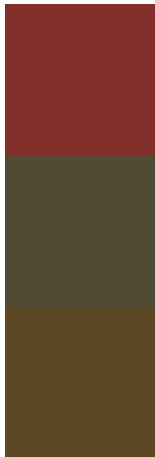


This preview shows how white text looks on a background with the XYZ color 10.6008, 6.8670,

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

10.6008, 6.8670, 2.9572

Protanopia

6.5520, 7.0385, 4.3814

Deuteranopia

7.1655, 7.0955, 2.7422



Tritanopia

10.6778, 6.8360, 3.5530

Trichromacy



Original Color

10.6008, 6.8670, 2.9572

Protanomaly

7.5334, 6.5412, 3.7713

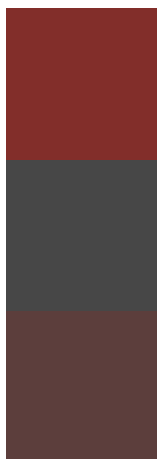
Deuteranomaly

8.0876, 6.7657, 2.7991

Tritanomaly

10.6374, 6.8199, 3.3405

Monochromacy



Original Color

10.6008, 6.8670, 2.9572

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

6.9519, 6.0468, 5.0757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6008, 6.8670, 2.9572 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(130, 46, 42)` looks like.

```
.text, #text, p{  
    color:rgb(130, 46, 42)  
}
```

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(130, 46, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 46, 42) }
```

Border

The CSS property to change the border of an element to XYZ 10.6008, 6.8670, 2.9572 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(130, 46, 42) }
```


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

```
.border{ border-color:rgb(130, 46, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 46, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 46, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 46, 42);  
box-shadow:4px 4px 4px 4px rgb(130, 46,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6008, 6.8670, 2.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 46, 42) }
```

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

```
.background{ background-color: rgb(130, 46,  
42) }
```

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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