

Converting Colors

XYZ(11.7101, 6.6047, 2.9439)

Have a look what the booklet for
XYZ(11.7101, 6.6047, 2.9439)
contains.

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Color

**XYZ(11.6665, 6.5804,
2.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1C2B
RGB	140, 28, 43
RGB Percent	55%, 11%, 17%
CMY	0.4510, 0.8902, 0.8314
CMYK	0.00, 0.80, 0.69, 0.45
HSL	352°, 67%, 33%
HSV	352°, 80%, 55%
XYZ	11.6665, 6.5804, 2.9407
YIQ	63.1980, 61.9370, 28.4090

Conversions

Conversions Part 2

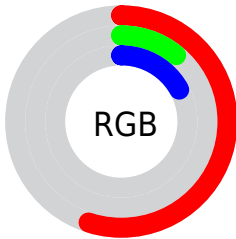
Format	Color
R_{YB}	140, 28, 43
Decimal	9182251
CIE Lab	30.83, 46.63, 20.74
CIE LCh	31, 51.030, 23.979
Yxy	6.5804, 0.5506, 0.3106
Android (android.graphics.Color)	4287372331 (0xFF8C1C2B)
YUV	63.1980, -9.9576, 67.3554
Hunter-Lab	25.6523, 36.2892, 11.1598

Details

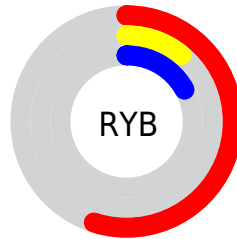
The XYZ color **11.6665, 6.5804, 2.9407** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.5594, 20.4839, 22.6444**, and the grayscale version is **4.7623, 5.0103, 5.4563**.

A 20% lighter version of the original color is **28.4079, 19.0332, 11.4090**, and **3.5673, 1.8390, 0.1669** is the 20% darker color. If you saturate the color by 10%, you get **11.2180, 5.9880, 1.8522**, and if you desaturate by 10%, it is **12.3360, 7.5091, 4.4295**.

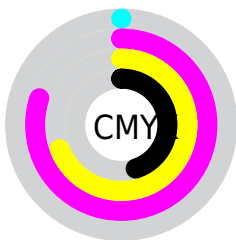
Distribution



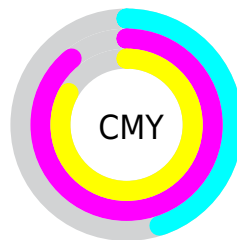
- Red (55%)
- Green (11%)
- Blue (17%)



- Red (55%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (80%)
- Yellow (69%)
- Black (45%)



- Cyan (45%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6665, 6.5804, 2.9407 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 11.6665, 6.5804, 2.9407 by changing the saturation by 10% instead.

■ 11.6665, 6.5804,
2.9407

■ 11.6665, 6.5804,
2.9407

196.0001,
164.1302, 135.6017

■ 6.5876, 3.2011,
1.0644

■ 28.5084, 19.1240,
11.4818

■ 3.2496, 1.2376,
0.0000

■ 41.0021, 29.0570,
18.9836

■ 1.2871, 0.0921,
0.0000

■ 56.6981, 41.9435,
29.1978

■ 0.1735, 0.0000,
0.0000

■ 75.9617, 58.1677,
42.5428

■ 0.0000, 0.0000,
0.0000

■ 99.1584, 78.1141,
59.4371

■ 126.6535,

102.1670, 80.2994

158.8122,
130.7109, 105.5481

11.6665, 6.5804,
2.9407

11.6665, 6.5804,
2.9407

11.2180, 5.9880,
1.8522

12.3360, 7.5091,
4.4295

10.9306, 5.6218,
1.1139

13.2505, 8.8130,
6.3526

10.9304, 5.6215,
1.1134

14.4310, 10.5270,
8.7408

15.8963, 12.6816,
11.6219

17.6636, 15.3045,
15.0215

■ 19.7486, 18.4211,
18.9635

■ 22.1657, 22.0550,
23.4702

■ 24.9288, 26.2280,
28.5627

■ 28.0508, 30.9611,
34.2611

Harmonies

Analogous

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



12.2569, 6.5804, 8.6863



11.6665, 6.5804, 2.9407



9.4791, 6.5804, 0.8309

Triad

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



11.6665, 6.5804, 2.9407



3.1490, 6.5804, 1.7775



5.7700, 6.5804, 30.9441

Complementary

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



11.6665, 6.5804, 2.9407



13.5594, 20.4839, 22.6444

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.



3.8592, 6.5804, 24.7252



11.6665, 6.5804, 2.9407



2.6238, 6.5804, 5.8325

Square

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



11.6665, 6.5804, 2.9407



4.5180, 6.5804, 0.4567



2.8445, 6.5804, 14.2252



8.3870, 6.5804, 28.1237

Rectangle

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



11.6665, 6.5804, 2.9407



7.6570, 6.5804, 0.2874



2.8445, 6.5804, 14.2252



5.0346, 6.5804, 29.7591

Sweetspot

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



11.6667, 6.5808, 2.9408



33.0881, 29.8874, 30.1763



13.3462, 6.9502, 25.4488



7.3604, 6.4926, 6.4535



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6667, 6.5808, 2.9408



19.3873, 10.0834, 2.1869



13.0443, 9.6982, 2.2837



5.0584, 5.0588, 5.3959



9.7170, 4.9969, 1.0139



0.0676, 0.0344, 0.0227

Inverse Universe

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



11.6667, 6.5808, 2.9408



19.3873, 10.0834, 2.1869



9.8473, 11.4096, 26.4940



5.0584, 5.0588, 5.3959



9.7170, 4.9969, 1.0139



0.0676, 0.0344, 0.0227

Previews

White Background



This preview shows how the XYZ color 11.6665, 6.5804, 2.9407 looks on a white background.

Color Contrast Check

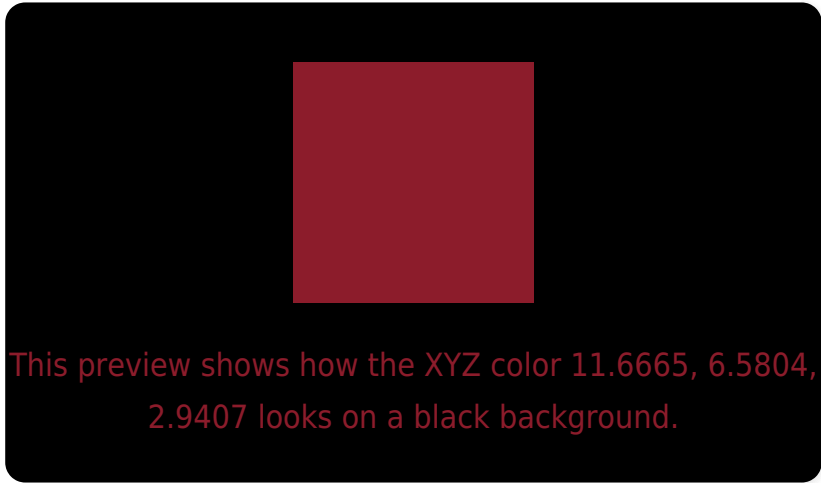
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6665, 6.5804, 2.9407

Background



This preview shows how black text looks on a background with the XYZ color 11.6665, 6.5804, 2.9407.



This preview shows how white text looks on a background with the XYZ color 11.6665, 6.5804,

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

11.6665, 6.5804, 2.9407

Protanopia

6.4888, 6.8861, 5.2621

Deuteranopia

6.9016, 6.8642, 2.7114



Tritanopia

11.5268, 6.6029, 1.9633

Trichromacy



Original Color

11.6665, 6.5804, 2.9407

Protanomaly

7.4958, 5.9593, 4.2452

Deuteranomaly

8.0391, 6.1301, 2.6790

Tritanomaly

11.5580, 6.5755, 2.2501

Monochromacy



Original Color

11.6665, 6.5804, 2.9407

Achromatopsia

4.7246, 4.9707, 5.4130

Achromatomaly

6.1688, 4.7909, 4.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6665, 6.5804, 2.9407 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(140, 28, 43)` looks like.

```
.text, #text, p{  
    color:rgb(140, 28, 43)  
}
```

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(140, 28, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 28, 43) }
```

Border

The CSS property to change the border of an element to XYZ 11.6665, 6.5804, 2.9407 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(140, 28, 43) }
```


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

```
.border{ border-color:rgb(140, 28, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 28, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 28, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 28, 43);  
box-shadow:4px 4px 4px 4px rgb(140, 28,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6665, 6.5804, 2.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 28, 43) }
```

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

```
.background{ background-color: rgb(140, 28,  
43) }
```

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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