

Converting Colors

XYZ(11.7483, 6.7388, 8.5652)

Have a look what the booklet for
XYZ(11.7483, 6.7388, 8.5652)
contains.

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Color

**XYZ(11.7679, 6.7398,
8.6633)**

Conversions

Conversions Part 1

Format	Color
Hex	852252
RGB	133, 34, 82
RGB Percent	52%, 13%, 32%
CMY	0.4784, 0.8666, 0.6784
CMYK	0.00, 0.74, 0.38, 0.48
HSL	331°, 59%, 33%
HSV	331°, 74%, 52%
XYZ	11.7679, 6.7398, 8.6633
YIQ	69.0730, 43.5960, 35.9160

Conversions

Conversions Part 2

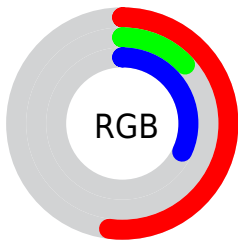
Format	Color
R_{YB}	133, 34, 82
Decimal	8725074
CIE Lab	31.21, 45.73, -4.63
CIE LCh	31, 45.960, 354.219
Yxy	6.7398, 0.4331, 0.2481
Android (android.graphics.Color)	4286915154 (0xFF852252)
YUV	69.0730, 6.3730, 56.0640
Hunter-Lab	25.9611, 35.4802, -1.6125




Details

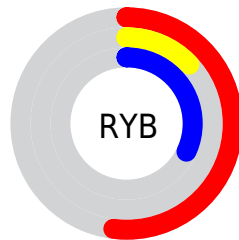
The XYZ color **11.7679, 6.7398, 8.6633** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.6874, 17.7713, 11.4625**, and the grayscale version is **5.6539, 5.9483, 6.4777**.




A 20% lighter version of the original color is **28.8217, 19.5653, 23.7301**, and **3.5584, 1.7958, 1.9093** is the 20% darker color. If you saturate the color by 10%, you get **11.2108, 6.0222, 7.2548**, and if you desaturate by 10%, it is **12.4987, 7.7629, 10.2583**.

Distribution







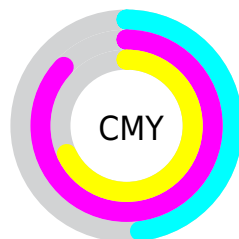
-  Red (52%)
-  Green (13%)
-  Blue (32%)






-  Red (52%)
-  Yellow (13%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (74%)
-  Yellow (38%)
-  Black (48%)





-  Cyan (48%)
-  Magenta (87%)
-  Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7679, 6.7398, 8.6633 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 11.7679, 6.7398, 8.6633 by changing the saturation by 10% instead.


 11.7679, 6.7398,
8.6633


 11.7679, 6.7398,
8.6633


196.6641,
165.4838, 190.9705


 6.6569, 3.2999,
4.4284


 28.6922, 19.4478,
23.8162


 3.2929, 1.2902,
1.8632

 41.2362, 29.4847,
35.5712


 1.3105, 0.1336,
0.4692

 56.9887, 42.4894,
50.6701

 0.1910, 0.0000,
0.0000

 76.3148, 58.8463,
69.5313

 0.0000, 0.0000,
0.0000

 99.5801, 78.9398,
92.5734

 127.1498,

103.1543, 120.2150

159.3894,
131.8742, 152.8745

■ 11.7679, 6.7398,
8.6633

■ 11.7679, 6.7398,
8.6633

■ 11.2108, 6.0222,
7.2548

■ 12.4987, 7.7629,
10.2583

■ 10.8057, 5.5683,
6.0216

■ 13.4184, 9.1212,
12.0484

■ 10.6120, 5.3622,
5.3982

■ 14.5414, 10.8420,
14.0417

■ 15.8801, 12.9493,
16.2459

■ 17.4463, 15.4653,
18.6680

■ 19.2505, 18.4104,
21.3146

■ 21.3028, 21.8035,
24.1921

■ 23.6126, 25.6626,
27.3065

■ 26.1887, 30.0044,
30.6637

Harmonies

Analogous

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



10.6122, 6.7398, 17.2712



11.7679, 6.7398, 8.6633



11.2362, 6.7398, 3.3288

Triad

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



11.7679, 6.7398, 8.6633



4.7852, 6.7398, 0.8313



4.1884, 6.7398, 22.7493

Complementary

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



11.7679, 6.7398, 8.6633



10.6874, 17.7713, 11.4625

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.



3.2067, 6.7398, 13.7108



11.7679, 6.7398, 8.6633



3.4903, 6.7398, 2.2055

Square

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



11.7679, 6.7398, 8.6633



6.8532, 6.7398, 0.5648



2.9851, 6.7398, 6.1561



5.9786, 6.7398, 27.9569

Rectangle

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



11.7679, 6.7398, 8.6633



10.0477, 6.7398, 1.6347



2.9851, 6.7398, 6.1561



3.7714, 6.7398, 19.8708

Sweetspot

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



11.7681, 6.7402, 8.6634



31.8330, 28.6529, 34.3142



8.4177, 4.6998, 22.6539



7.0178, 6.2057, 7.5001



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.7681, 6.7402, 8.6634



19.5719, 10.2044, 11.5028



10.5339, 6.2465, 2.1643



4.7596, 4.7235, 5.3466



10.1122, 5.1092, 5.1632



0.0387, 0.0192, 0.0372

Inverse Universe

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



11.7681, 6.7402, 8.6634



19.5719, 10.2044, 11.5028



13.2811, 18.8087, 25.1208



4.7596, 4.7235, 5.3466



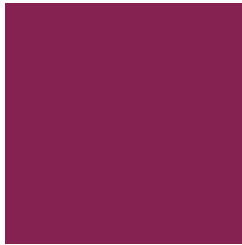
10.1122, 5.1092, 5.1632



0.0387, 0.0192, 0.0372

Previews

White Background



This preview shows how the XYZ color 11.7679, 6.7398, 8.6633 looks on a white background.

Color Contrast Check

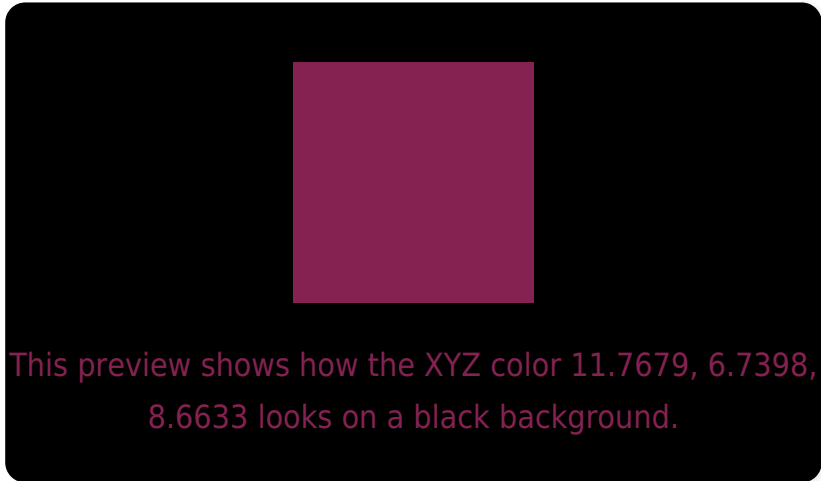
Large Text (above 18pt) WCAG AA ✓ Pass

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

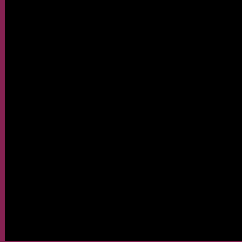
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7679, 6.7398, 8.6633

Background



This preview shows how black text looks on a background with the XYZ color 11.7679, 6.7398, 8.6633.



This preview shows how white text looks on a background with the XYZ color 11.7679, 6.7398,

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

11.7679, 6.7398, 8.6633

Protanopia

7.2699, 7.0703, 15.1689

Deuteranopia

7.0503, 6.9199, 7.9853



Tritanopia

10.7539, 6.8239, 3.3351

Trichromacy



Original Color

11.7679, 6.7398, 8.6633

Protanomaly

7.9359, 6.1526, 12.5737

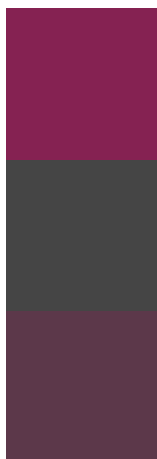
Deuteranomaly

8.1799, 6.3000, 8.1820

Tritanomaly

11.0639, 6.7389, 4.8553

Monochromacy



Original Color

11.7679, 6.7398, 8.6633

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.0638, 5.5981, 7.1868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7679, 6.7398, 8.6633 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(133, 34, 82)` looks like.

```
.text, #text, p{  
    color:rgb(133, 34, 82)  
}
```

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(133, 34, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 34, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.7679, 6.7398, 8.6633 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(133, 34, 82) }
```


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

```
.border{ border-color:rgb(133, 34, 82) }
```

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

Here you see how a box with a 4 pixel rgb(133, 34, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 34, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 34, 82);  
box-shadow:4px 4px 4px 4px rgb(133, 34,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7679, 6.7398, 8.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 34, 82) }
```

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

```
.background{ background-color: rgb(133, 34,  
82) }
```

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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