

Converting Colors

XYZ(10.8318, 6.0679, 4.7792)

Have a look what the booklet for
XYZ(10.8318, 6.0679, 4.7792)
contains.

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Color

**XYZ(10.8542, 6.0862,
4.7403)**

Conversions

Conversions Part 1

Format	Color
Hex	851B3B
RGB	133, 27, 59
RGB Percent	52%, 11%, 23%
CMY	0.4784, 0.8941, 0.7686
CMYK	0.00, 0.80, 0.56, 0.48
HSL	342°, 66%, 31%
HSV	342°, 80%, 52%
XYZ	10.8542, 6.0862, 4.7403
YIQ	62.3420, 52.9040, 32.4240

Conversions

Conversions Part 2

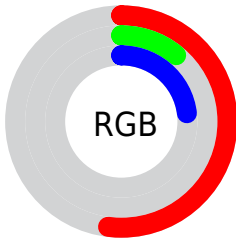
Format	Color
R_{YB}	133, 27, 59
Decimal	8723259
CIE Lab	29.63, 45.90, 8.31
CIE LCh	30, 46.651, 10.264
Yxy	6.0862, 0.5006, 0.2807
Android (android.graphics.Color)	4286913339 (0xFF851B3B)
YUV	62.3420, -1.6476, 61.9671
Hunter-Lab	24.6702, 35.3620, 5.8768

Details

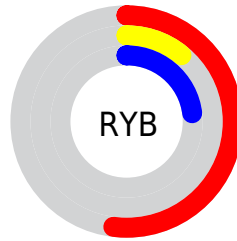
The XYZ color **10.8542, 6.0862, 4.7403** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11.1891, 17.9478, 15.1887**, and the grayscale version is **4.6259, 4.8668, 5.2999**.

A 20% lighter version of the original color is **27.1047, 18.1516, 15.7107**, and **3.1617, 1.6183, 0.6760** is the 20% darker color. If you saturate the color by 10%, you get **10.3955, 5.5206, 3.5031**, and if you desaturate by 10%, it is **11.4942, 6.9459, 6.2495**.

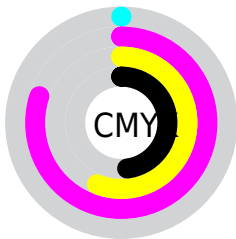
Distribution



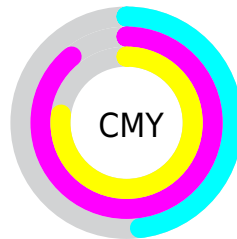
- Red (52%)
- Green (11%)
- Blue (23%)



- Red (52%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (56%)
- Black (48%)




- Cyan (48%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8542, 6.0862, 4.7403 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 10.8542, 6.0862, 4.7403 by changing the saturation by 10% instead.

 10.8542, 6.0862,
4.7403


 10.8542, 6.0862,
4.7403


190.5935,
159.8390, 156.1291


 6.0354, 2.8976,
2.0396


 27.0256, 18.1097,
15.6840

 2.9075, 1.0785,
0.5795

 39.1089, 27.7134,
24.7642


 1.1050, 0.0000,
0.0000

 54.3445, 40.2242,
36.8079

 0.0293, 0.0000,
0.0000

 73.0977, 56.0265,
52.2337

 0.0000, 0.0000,
0.0000

 95.7339, 75.5048,
71.4603

 122.6183, 99.0433,

94.9060

154.1164,
127.0266, 122.9894

10.8542, 6.0862,
4.7403

10.8542, 6.0862,
4.7403

10.3955, 5.5206,
3.5031

11.4942, 6.9459,
6.2495

10.0676, 5.1515,
2.5096

12.3337, 8.1325,
8.0471

10.0582, 5.1407,
2.4824

13.3890, 9.6758,
10.1481

14.6747, 11.6016,
12.5667

16.2038, 13.9336,
15.3157

■ 17.9886, 16.6933,
18.4075

■ 20.0404, 19.9008,
21.8536

■ 22.3698, 23.5750,
25.6652

■ 24.9867, 27.7336,
29.8526

Harmonies

Analogous

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



10.5888, 6.0862, 11.4581



10.8542, 6.0862, 4.7403



9.5287, 6.0862, 1.5546

Triad

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



10.8542, 6.0862, 4.7403



3.5113, 6.0862, 1.0876



4.5031, 6.0862, 25.0694

Complementary

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



10.8542, 6.0862, 4.7403



11.1891, 17.9478, 15.1887

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.



3.1779, 6.0862, 17.5396



10.8542, 6.0862, 4.7403



2.7108, 6.0862, 3.3899

Square

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



10.8542, 6.0862, 4.7403



5.0818, 6.0862, 0.3621



2.6061, 6.0862, 8.9573



6.5497, 6.0862, 26.3126

Rectangle

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



10.8542, 6.0862, 4.7403



8.0761, 6.0862, 0.7394



2.6061, 6.0862, 8.9573



3.9738, 6.0862, 23.0392

Sweetspot

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



10.8544, 6.0866, 4.7404



30.6046, 27.3981, 30.1993



9.8191, 5.1550, 22.6676



6.6799, 5.8406, 6.4293



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.



10.8544, 6.0866, 4.7404



18.1405, 9.3777, 4.7484



10.8650, 7.0543, 1.8264



4.7262, 4.7101, 5.1703



9.5840, 4.8979, 2.3818



0.0361, 0.0181, 0.0237

Inverse Universe

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



10.8544, 6.0866, 4.7404



18.1405, 9.3777, 4.7484



10.6545, 13.8640, 24.3046



4.7262, 4.7101, 5.1703



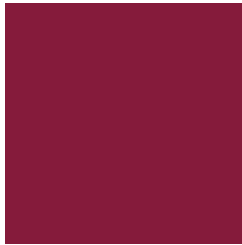
9.5840, 4.8979, 2.3818



0.0361, 0.0181, 0.0237

Previews

White Background



This preview shows how the XYZ color 10.8542, 6.0862, 4.7403 looks on a white background.

Color Contrast Check

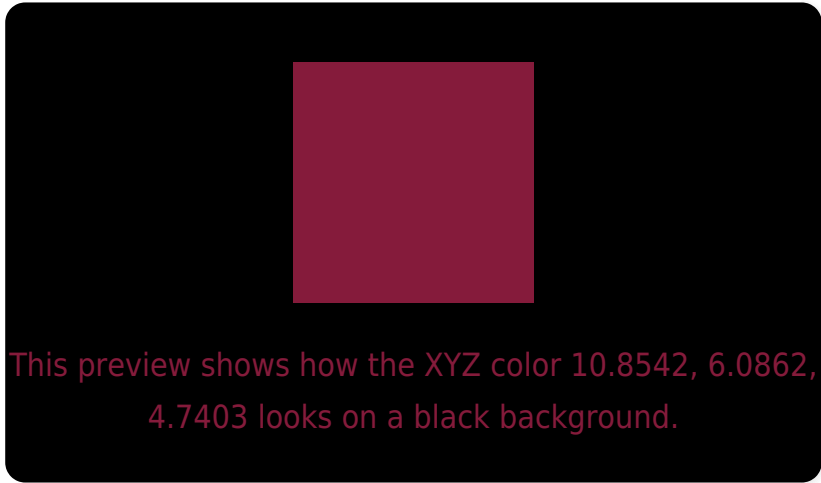
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8542, 6.0862, 4.7403

Background



This preview shows how black text looks on a background with the XYZ color 10.8542, 6.0862, 4.7403.



This preview shows how white text looks on a background with the XYZ color 10.8542, 6.0862,

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

10.8542, 6.0862, 4.7403

Protanopia

6.2642, 6.4026, 8.6903

Deuteranopia

6.4501, 6.4074, 4.3868



Tritanopia

10.3483, 6.1087, 2.1471

Trichromacy



Original Color

10.8542, 6.0862, 4.7403

Protanomaly

7.0830, 5.5406, 6.9995

Deuteranomaly

7.5125, 5.7486, 4.4550

Tritanomaly

10.4418, 6.0599, 2.9048

Monochromacy



Original Color

10.8542, 6.0862, 4.7403

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

5.9651, 4.6083, 4.9900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8542, 6.0862, 4.7403 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, 27, 59)` looks like.

```
.text, #text, p{  
    color:rgb(133, 27, 59)  
}
```

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, 27, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 27, 59) }
```

Border

The CSS property to change the border of an element to XYZ 10.8542, 6.0862, 4.7403 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, 27, 59) }
```


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

```
.border{ border-color:rgb(133, 27, 59) }
```

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

Here you see how a box with a 4 pixel rgb(133, 27, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 27, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 27, 59);  
box-shadow:4px 4px 4px 4px rgb(133, 27,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8542, 6.0862, 4.7403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 27, 59) }
```

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

```
.background{ background-color: rgb(133, 27,  
59) }
```

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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