

Converting Colors

XYZ(10.7965, 5.3025, 18.4352)

Have a look what the booklet for
XYZ(10.7965, 5.3025, 18.4352)
contains.

XYZ(10.8741, 5.3360, 18.5460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.8741, 5.3360,
18.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	750879
RGB	117, 8, 121
RGB Percent	46%, 3%, 47%
CMY	0.5412, 0.9686, 0.5255
CMYK	0.03, 0.93, 0.00, 0.53
HSL	298°, 88%, 25%
HSV	298°, 93%, 47%
XYZ	10.8741, 5.3360, 18.5460
YIQ	53.4730, 28.6910, 58.2510

Conversions

Conversions Part 2

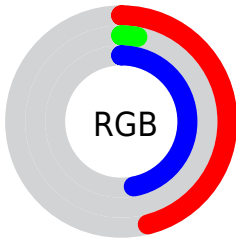
Format	Color
RYB	117, 8, 121
Decimal	7669881
CIELab	27.67, 54.49, -35.57
CIELCh	28, 65.072, 326.865
Yxy	5.3360, 0.3129, 0.1535
Android (android.graphics.Color)	4285859961 (0xFF750879)
YUV	53.4730, 33.2908, 55.7132
Hunter-Lab	23.0998, 43.6033, -31.4320

Details

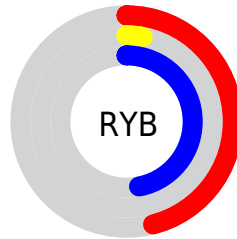
The XYZ color **10.8741, 5.3360, 18.5460** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.0330, 13.7706, 2.5172**, and the grayscale version is **3.4002, 3.5772, 3.8956**.

A 20% lighter version of the original color is **26.9706, 16.4614, 41.8003**, and **3.2841, 1.5579, 6.2585** is the 20% darker color. If you saturate the color by 10%, you get **10.7494, 5.1428, 18.5154**, and if you desaturate by 10%, it is **11.0971, 5.6962, 18.6039**.

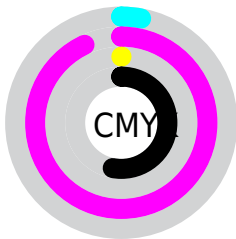
Distribution



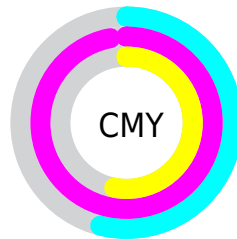
- Red (46%)
- Green (3%)
- Blue (47%)



- Red (46%)
- Yellow (3%)
- Blue (47%)



- Cyan (3%)
- Magenta (93%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (97%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8741, 5.3360, 18.5460 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 10.8741, 5.3360, 18.5460 by changing the saturation by 10% instead.

10.8741, 5.3360,
18.5460

10.8741, 5.3360,
18.5460

190.7279,
153.0175, 256.2695

6.0489, 2.4457,
11.1692

27.0621, 16.5371,
41.7920

2.9158, 0.8493,
6.0652

39.1557, 25.6166,
58.4982

1.1094, 0.0000,
2.8153

54.4028, 37.5281,
79.1513

0.0329, 0.0000,
1.0011


73.1687, 52.6558,
104.1699

0.0000, 0.0000,
0.0000

95.8188, 71.3842,
133.9725

122.7185, 94.0977,

168.9776


 154.2331,
121.1807, 209.6037

 10.8741, 5.3360,
18.5460

 10.8741, 5.3360,
18.5460


 10.7494, 5.1428,
18.5154

 11.0971, 5.6962,
18.6039

 11.4251, 6.2662,
18.6966

 11.8734, 7.0763,
18.8293

 12.4537, 8.1501,
19.0060

 13.1764, 9.5083,
19.2301

■ 14.0508, 11.1694,
19.5046

■ 15.0854, 13.1507,
19.8325

■ 16.2882, 15.4679,
20.2164

■ 17.6665, 18.1358,
20.6587

Harmonies

Analogous

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



7.8391, 5.3360, 32.2698



10.8741, 5.3360, 18.5460



12.3449, 5.3360, 6.6733

Triad

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



10.8741, 5.3360, 18.5460



5.3648, 5.3360, 0.0000



1.6779, 5.3360, 15.6214

Complementary

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



10.8741, 5.3360, 18.5460



7.0330, 13.7706, 2.5172

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.



1.4241, 5.3360, 5.0245



10.8741, 5.3360, 18.5460



3.0469, 5.3360, 0.0000

Square

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



10.8741, 5.3360, 18.5460



8.5242, 5.3360, 0.0000



1.8192, 5.3360, 0.8487



2.7057, 5.3360, 29.7545

Rectangle

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



10.8741, 5.3360, 18.5460



11.9540, 5.3360, 2.4440



1.8192, 5.3360, 0.8487



1.5198, 5.3360, 11.3675

Sweetspot

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



10.8743, 5.3362, 18.5461



25.9922, 21.5900, 35.1903



3.7039, 1.7370, 18.2293



5.7988, 4.6606, 8.0006



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.8743, 5.3362, 18.5461



19.2236, 9.1962, 33.1547



9.0824, 4.6829, 6.2449



4.1411, 4.0706, 5.0106



11.5175, 5.5103, 19.8418



54.7820, 26.2031, 94.6402

Inverse Universe

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



8.0385, 4.2653, 0.7476



14.1509, 7.2915, 0.8223



7.7232, 14.0407, 6.4209



4.0035, 4.0171, 4.2162



8.4744, 4.3659, 0.5231



40.3570, 20.7991, 2.1442

Previews

White Background



This preview shows how the XYZ color 10.8741, 5.3360, 18.5460 looks on a white background.

Color Contrast Check

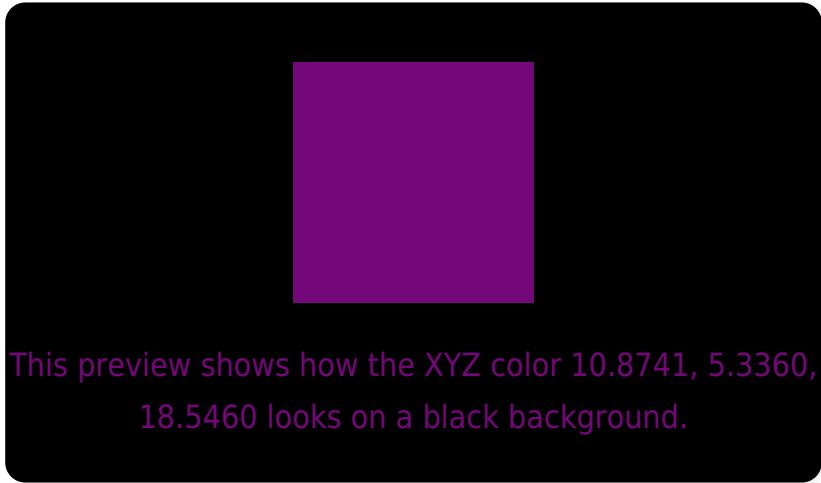
Large Text (above 18pt) WCAG AA ✓ Pass

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

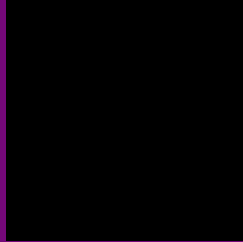
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8741, 5.3360, 18.5460

Background



This preview shows how black text looks on a background with the XYZ color 10.8741, 5.3360, 18.5460.



This preview shows how white text looks on a background with the XYZ color 10.8741, 5.3360,

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

10.8741, 5.3360, 18.5460

Protanopia

6.6084, 5.7605, 25.1897

Deuteranopia

5.8319, 5.7242, 16.7171



Tritanopia

7.9612, 5.6041, 3.7941

Trichromacy



Original Color

10.8741, 5.3360, 18.5460

Protanomaly

6.0995, 4.0563, 22.2913

Deuteranomaly

6.3679, 4.3622, 17.3360

Tritanomaly

8.5305, 5.0543, 7.3634

Monochromacy



Original Color

10.8741, 5.3360, 18.5460

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.0172, 3.4097, 7.6014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8741, 5.3360, 18.5460 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(117, 8, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 8, 121)  
}
```

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(117, 8, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 8, 121) }
```

Border

The CSS property to change the border of an element to XYZ 10.8741, 5.3360, 18.5460 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(117, 8, 121) }
```


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

```
.border{ border-color:rgb(117, 8, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 8, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 8, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 8, 121);  
box-shadow:4px 4px 4px 4px rgb(117, 8,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8741, 5.3360, 18.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 8, 121) }
```

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

```
.background{ background-color: rgb(117, 8,  
121) }
```

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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