

Converting Colors

XYZ(10.8953, 15.2930, 7.8844)

Have a look what the booklet for
XYZ(10.8953, 15.2930, 7.8844)
contains.

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Color

**XYZ(10.8647, 15.2733,
7.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7744
RGB	79, 119, 68
RGB Percent	31%, 47%, 27%
CMY	0.6902, 0.5333, 0.7333
CMYK	0.34, 0.00, 0.43, 0.53
HSL	107°, 27%, 37%
HSV	107°, 43%, 47%
XYZ	10.8647, 15.2733, 7.8442
YIQ	101.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

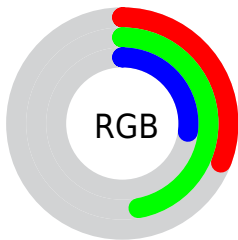
Format	Color
RYB	68, 119, 108
Decimal	5207876
CIELab	46.01, -24.61, 23.69
CIElCh	46, 34.157, 136.093
Yxy	15.2733, 0.3197, 0.4495
Android (android.graphics.Color)	4283397956 (0xFF4F7744)
YUV	101.2260, -16.3804, -19.4922
Hunter-Lab	39.0811, -18.7681, 15.4563

Details

The XYZ color **10.8647, 15.2733, 7.8442** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.5818, 8.6547, 18.5137**, and the grayscale version is **12.4709, 13.1203, 14.2880**.

A 20% lighter version of the original color is **27.1693, 35.5352, 22.2566**, and **2.9099, 4.7335, 1.5709** is the 20% darker color. If you saturate the color by 10%, you get **9.8153, 14.7705, 6.0880**, and if you desaturate by 10%, it is **12.0977, 15.8631, 9.9946**.

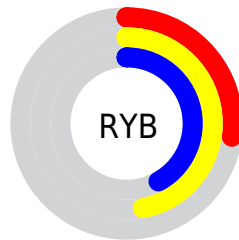
Distribution



Red (31%)

Green (47%)

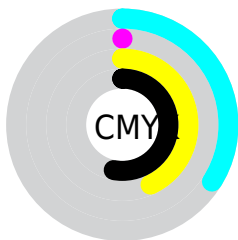
Blue (27%)



Red (27%)

Yellow (47%)

Blue (42%)

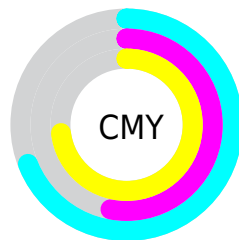


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (53%)



Cyan (69%)


Magenta (53%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8647, 15.2733, 7.8442 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 10.8647, 15.2733, 7.8442 by changing the saturation by 10% instead.


 10.8647, 15.2733,
7.8442


 10.8647, 15.2733,
7.8442


190.6645,
225.0145, 184.3936


 6.0425, 9.0114,
3.9091


 27.0449, 35.3319,
22.1936


 2.9119, 4.7486,
1.5756

 39.1336, 49.8974,
33.4449


 1.1073, 2.1005,
0.2733

 54.3753, 67.9996,
47.9720

 0.0312, 0.6649,
0.0000

 73.1352, 90.0229,
66.1934

 0.0000, 0.0000,
0.0000

 95.7787, 116.3516,
88.5278

122.6712,

147.3702, 115.3936

154.1780,
183.4630, 147.2093

■ 10.8647, 15.2733,
7.8442

■ 10.8647, 15.2733,
7.8442

■ 9.8153, 14.7705,
6.0880

■ 12.0977, 15.8631,
9.9946

■ 8.9392, 14.3487,
4.7011

■ 13.5215, 16.5418,
12.5600

■ 8.2272, 14.0040,
3.6574


■ 15.1443, 17.3136,
15.5611


■ 7.6682, 13.7315,
2.9269


■ 16.9736, 18.1820,
19.0168


■ 7.2498, 13.5253,
2.4726


■ 19.0162, 19.1502,
22.9449

 7.0147, 13.4095,
2.2186

 21.2790, 20.2213,
27.3622

 23.7682, 21.3982,
32.2849

 26.4900, 22.6836,
37.7281

 29.4502, 24.0804,
43.7065

Harmonies

Analogous

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



13.0280, 15.2733, 5.5351



10.8647, 15.2733, 7.8442



9.7566, 15.2733, 13.0856

Triad

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



10.8647, 15.2733, 7.8442



13.2198, 15.2733, 37.3977



20.5481, 15.2733, 12.5912

Complementary

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



10.8647, 15.2733, 7.8442



11.5818, 8.6547, 18.5137

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.



20.6174, 15.2733, 20.7628



10.8647, 15.2733, 7.8442



16.1150, 15.2733, 37.1282

Square

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



10.8647, 15.2733, 7.8442



10.9890, 15.2733, 30.9609



18.9074, 15.2733, 30.3145



18.7288, 15.2733, 7.5864

Rectangle

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



10.8647, 15.2733, 7.8442



9.6559, 15.2733, 18.3801



18.9074, 15.2733, 30.3145



20.7843, 15.2733, 14.9947

Sweetspot

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



10.8651, 15.2740, 7.8445



26.9724, 30.9333, 27.5922



14.0091, 15.0546, 7.6365



6.2583, 7.2673, 6.2895



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.



10.8651, 15.2740, 7.8445



17.6728, 26.4954, 11.0602



10.5213, 15.0394, 10.4214



3.7077, 4.1328, 3.9446



7.4450, 14.2424, 2.3567



35.6703, 69.0905, 11.4558

Inverse Universe

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



11.5818, 8.6547, 18.5137



19.1166, 13.0252, 32.7596



12.2021, 9.0672, 14.3513



3.7531, 3.7200, 4.6105



8.3617, 3.9020, 18.8550



40.0054, 18.6320, 91.8481

Previews

White Background



This preview shows how the XYZ color 10.8647, 15.2733, 7.8442 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 × Fail

Black Background



This preview shows how the XYZ color 10.8647, 15.2733, 7.8442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8647, 15.2733, 7.8442

Background



This preview shows how black text looks on a background with the XYZ color 10.8647, 15.2733, 7.8442.



This preview shows how white text looks on a background with the XYZ color 10.8647, 15.2733,

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

10.8647, 15.2733, 7.8442

Protanopia

14.0018, 15.2294, 7.0521

Deuteranopia

15.3259, 15.1143, 8.2405



Tritanopia

13.4425, 15.2901, 20.6551

Trichromacy



Original Color

10.8647, 15.2733, 7.8442

Protanomaly

12.5682, 15.1350, 7.2600

Deuteranomaly

13.1615, 14.7717, 8.1188

Tritanomaly

12.2753, 15.1521, 14.8480

Monochromacy



Original Color

10.8647, 15.2733, 7.8442

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.6799, 13.7735, 11.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8647, 15.2733, 7.8442 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(79, 119, 68)` looks like.

```
.text, #text, p{  
    color:rgb(79, 119, 68)  
}
```

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(79, 119, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 119, 68) }
```

Border

The CSS property to change the border of an element to XYZ 10.8647, 15.2733, 7.8442 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(79, 119, 68) }
```


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

```
.border{ border-color:rgb(79, 119, 68) }
```

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

Here you see how a box with a 4 pixel rgb(79, 119, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 119, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 119, 68);  
box-shadow:4px 4px 4px 4px rgb(79, 119,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8647, 15.2733, 7.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 119, 68) }
```

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

```
.background{ background-color: rgb(79, 119,  
68) }
```

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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