

Converting Colors

XYZ(10.8368, 13.2242, 10.2743)

Have a look what the booklet for
XYZ(10.8368, 13.2242, 10.2743)
contains.

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Color

**XYZ(10.8824, 13.2302,
10.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	586B54
RGB	88, 107, 84
RGB Percent	35%, 42%, 33%
CMY	0.6549, 0.5804, 0.6706
CMYK	0.18, 0.00, 0.21, 0.58
HSL	110°, 12%, 37%
HSV	110°, 21%, 42%
XYZ	10.8824, 13.2302, 10.3676
YIQ	98.6970, -3.9410, -11.1810

Conversions

Conversions Part 2

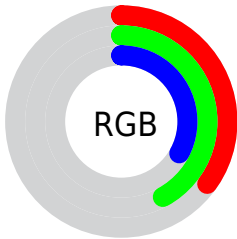
Format	Color
R_{YB}	84, 107, 103
Decimal	5794644
CIE Lab	43.11, -11.99, 10.58
CIE LCh	43, 15.989, 138.557
Yxy	13.2302, 0.3156, 0.3837
Android (android.graphics.Color)	4283984724 (0xFF586B54)
YUV	98.6970, -7.2456, -9.3813
Hunter-Lab	36.3733, -10.2486, 8.5617

Details

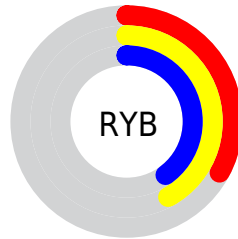
The XYZ color **10.8824, 13.2302, 10.3676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4183, 10.2861, 15.2943**, and the grayscale version is **11.8022, 12.4168, 13.5219**.

A 20% lighter version of the original color is **27.0112, 31.5782, 27.2258**, and **2.9369, 3.8704, 2.5117** is the 20% darker color. If you saturate the color by 10%, you get **9.7084, 12.6701, 8.2896**, and if you desaturate by 10%, it is **12.2227, 13.8693, 12.7882**.

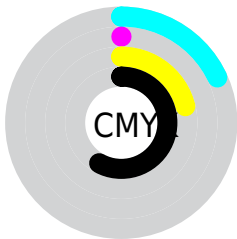
Distribution



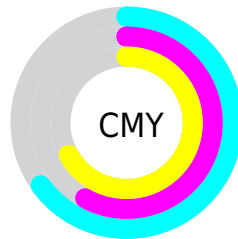
- Red (35%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8824, 13.2302, 10.3676 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 10.8824, 13.2302, 10.3676 by changing the saturation by 10% instead.

■ 10.8824, 13.2302,
10.3676

■ 10.8824, 13.2302,
10.3676

190.7840,
212.3878, 203.8551

■ 6.0545, 7.5873,
5.5346

■ 27.0774, 31.7167,
27.1032

■ 2.9192, 3.8320,
2.5000

■ 39.1752, 45.3291,
39.8429

■ 1.1112, 1.5800,
0.8402

■ 54.4270, 62.3667,
56.0552

■ 0.0345, 0.3441,
0.0000

■ 73.1982, 83.2141,
76.1587

■ 0.0000, 0.0000,
0.0000

■ 95.8542, 108.2554,
100.5719

122.7602,

137.8752, 129.7133

154.2817,
172.4579, 164.0016

■ 10.8824, 13.2302,
10.3676

■ 10.8824, 13.2302,
10.3676

■ 9.7084, 12.6701,
8.2896

■ 12.2227, 13.8693,
12.7882

■ 8.6930, 12.1844,
6.5379

■ 13.7343, 14.5887,
15.5651

■ 7.8297, 11.7704,
5.0963

■ 15.4235, 15.3916,
18.7120

■ 7.1111, 11.4246,
3.9465

■ 17.2957, 16.2806,
22.2419

■ 6.5289, 11.1433,
3.0688

■ 19.3564, 17.2582,
26.1672

■ 6.0743, 10.9224,
2.4406

■ 21.6105, 18.3266,
30.4995

■ 5.7369, 10.7571,
2.0352

■ 24.0630, 19.4883,
35.2500

■ 5.5189, 10.6504,
1.7649

■ 26.7185, 20.7454,
40.4296

■ 29.5818, 22.1001,
46.0488

Harmonies

Analogous

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



11.8364, 13.2302, 8.8863



10.8824, 13.2302, 10.3676



10.3943, 13.2302, 13.1017

Triad

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



10.8824, 13.2302, 10.3676



12.1110, 13.2302, 22.1252



14.9555, 13.2302, 12.3536

Complementary

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



10.8824, 13.2302, 10.3676



11.4183, 10.2861, 15.2943

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.



15.0410, 13.2302, 15.7929



10.8824, 13.2302, 10.3676



13.3435, 13.2302, 21.8366

Square

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



10.8824, 13.2302, 10.3676



11.0721, 13.2302, 20.1092



14.4344, 13.2302, 19.3753



14.2079, 13.2302, 9.8972

Rectangle

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



10.8824, 13.2302, 10.3676



10.3761, 13.2302, 15.4380



14.4344, 13.2302, 19.3753



15.0643, 13.2302, 13.4200

Sweetspot

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



10.8828, 13.2308, 10.3679



23.2882, 25.5016, 25.4655



12.4929, 13.4240, 10.3203



5.6074, 6.1585, 6.1098



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.8828, 13.2308, 10.3679



18.3484, 23.1475, 16.5404



10.8148, 13.1611, 11.9324



3.1086, 3.4678, 3.3230



6.6929, 12.9455, 2.1460



33.5699, 65.6881, 10.9097

Inverse Universe

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



11.4183, 10.2861, 15.2943



19.4980, 16.8192, 27.1265



11.5208, 10.3814, 13.3819



3.1685, 3.1386, 3.8737



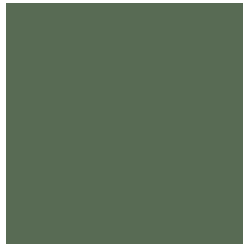
8.1483, 3.8276, 17.2316



40.8723, 19.1701, 87.7722

Previews

White Background



This preview shows how the XYZ color 10.8824, 13.2302, 10.3676 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 10.8824, 13.2302, 10.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

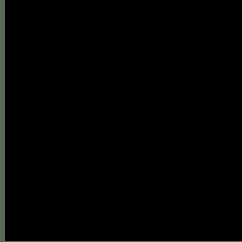
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

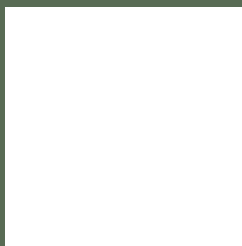
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8824, 13.2302, 10.3676

Background



This preview shows how black text looks on a background with the XYZ color 10.8824, 13.2302, 10.3676.



This preview shows how white text looks on a background with the XYZ color 10.8824, 13.2302,

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

10.8824, 13.2302, 10.3676

Protanopia

12.3232, 13.0896, 9.6616

Deuteranopia

13.3835, 13.1892, 10.6445



Tritanopia

12.2337, 13.1753, 16.9372

Trichromacy



Original Color

10.8824, 13.2302, 10.3676

Protanomaly

11.7401, 13.0764, 9.8879

Deuteranomaly

12.2372, 13.0274, 10.4639

Tritanomaly

11.6137, 13.0644, 14.2215

Monochromacy



Original Color

10.8824, 13.2302, 10.3676

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4911, 12.7438, 12.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8824, 13.2302, 10.3676 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(88, 107, 84) looks like.

```
.text, #text, p{  
    color:rgb(88, 107, 84)  
}
```

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(88, 107, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 107, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.8824, 13.2302, 10.3676 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(88, 107, 84) }
```


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

```
.border{ border-color:rgb(88, 107, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 107, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 107, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 107, 84);  
box-shadow:4px 4px 4px 4px rgb(88, 107,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8824, 13.2302, 10.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 107, 84) }
```

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

```
.background{ background-color: rgb(88, 107,  
84) }
```

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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