

Converting Colors

XYZ(13.1101, 16.3718, 13.3645)

Have a look what the booklet for
XYZ(13.1101, 16.3718, 13.3645)
contains.

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Color

**XYZ(13.0760, 16.2952,
13.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	5C775F
RGB	92, 119, 95
RGB Percent	36%, 47%, 37%
CMY	0.6392, 0.5333, 0.6274
CMYK	0.23, 0.00, 0.20, 0.53
HSL	127°, 13%, 41%
HSV	127°, 23%, 47%
XYZ	13.0760, 16.2952, 13.2826
YIQ	108.1910, -8.3880, -13.1880

Conversions

Conversions Part 2

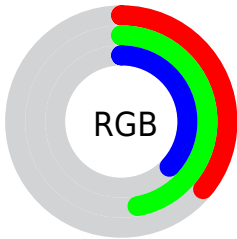
Format	Color
R_{YB}	92, 116, 119
Decimal	6059871
CIE _{Lab}	47.36, -14.98, 10.05
CIE _{LCh}	47, 18.043, 146.152
Yxy	16.2952, 0.3066, 0.3820
Android (android.graphics.Color)	4284249951 (0xFF5C775F)
YUV	108.1910, -6.5032, -14.1995
Hunter-Lab	40.3673, -12.8221, 8.7481

Details

The XYZ color **13.0760, 16.2952, 13.2826** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.5878, 12.8375, 18.2326**, and the grayscale version is **14.3272, 15.0733, 16.4149**.

A 20% lighter version of the original color is **31.0014, 37.0098, 32.2977**, and **3.8267, 5.1600, 3.7000** is the 20% darker color. If you saturate the color by 10%, you get **11.5308, 15.5509, 10.8686**, and if you desaturate by 10%, it is **14.8742, 17.1633, 16.0500**.

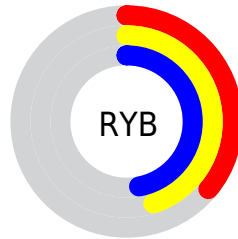
Distribution



Red (36%)

Green (47%)

Blue (37%)



Red (36%)

Yellow (45%)

Blue (47%)

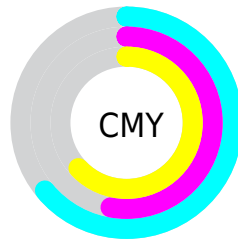


Cyan (23%)

Magenta (0%)

Yellow (20%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0760, 16.2952, 13.2826 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 13.0760, 16.2952, 13.2826 by changing the saturation by 10% instead.

■ 13.0760, 16.2952,
13.2826

■ 13.0760, 16.2952,
13.2826

205.0319,
231.0774, 223.9920

■ 7.5583, 9.7333,
7.4904

■ 31.0404, 37.1099,
32.5092

■ 3.8630, 5.2225,
3.6876

■ 44.2178, 52.1315,
46.7806

■ 1.6249, 2.3784,
1.4556

■ 60.6791, 70.7418,
64.7156

■ 0.4086, 0.8147,
0.1845

■ 80.7897, 93.3252,
86.7326

■ 0.0000, 0.0000,
0.0000

104.9149,
120.2660, 113.2502

133.4201,

151.9488, 144.6870

166.6707,
188.7577, 181.4614

■ 13.0760, 16.2952,
13.2826

■ 13.0760, 16.2952,
13.2826

■ 11.5308, 15.5509,
10.8686

■ 14.8742, 17.1633,
16.0500

■ 10.2258, 14.9228,
8.7927

■ 16.9347, 18.1583,
19.1832

■ 9.1495, 14.4056,
7.0403

■ 19.2678, 19.2858,
22.6951

■ 8.2886, 13.9929,
5.5949

■ 21.8831, 20.5503,
26.5978

■ 7.6284, 13.6774,
4.4390

■ 24.7896, 21.9564,
30.9029

■ 7.1524, 13.4512,
3.5529

■ 27.9958, 23.5081,
35.6213

■ 6.8410, 13.3044,
2.9148

■ 31.5100, 25.2096,
40.7638

■ 6.6713, 13.2240,
2.5893

■ 35.3402, 27.0646,
46.3406

■ 39.4940, 29.0770,
52.3616

Harmonies

Analogous

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



14.1742, 16.2952, 10.9634



13.0760, 16.2952, 13.2826



12.6228, 16.2952, 17.1592

Triad

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



13.0760, 16.2952, 13.2826



15.2830, 16.2952, 28.0391



18.4102, 16.2952, 14.1431

Complementary

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



13.0760, 16.2952, 13.2826



14.5878, 12.8375, 18.2326

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.



18.7572, 16.2952, 18.3393



13.0760, 16.2952, 13.2826



16.8808, 16.2952, 26.8619

Square

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



13.0760, 16.2952, 13.2826



13.8404, 16.2952, 26.0914



18.1800, 16.2952, 23.1038



17.2616, 16.2952, 11.3971

Rectangle

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



13.0760, 16.2952, 13.2826



12.7227, 16.2952, 20.3024



18.1800, 16.2952, 23.1038



18.6277, 16.2952, 15.4078

Sweetspot

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



13.0764, 16.2959, 13.2830



28.6089, 31.6865, 31.7500



15.7717, 17.7008, 12.7106



6.7434, 7.4917, 7.4688



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.



13.0764, 16.2959, 13.2830



21.9774, 28.4868, 21.5480



13.7284, 16.5567, 16.7159



3.6557, 4.1042, 4.0206



7.0853, 14.0481, 2.7396



34.3614, 68.3918, 12.4742

Inverse Universe

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



14.5878, 12.8375, 18.2326



25.1666, 21.1874, 31.9914



13.8735, 12.5518, 14.4713



3.8100, 3.7513, 4.5260



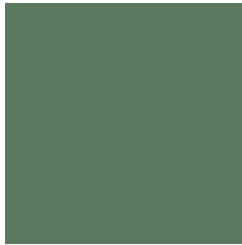
10.8322, 5.2666, 14.8566



52.5906, 25.5864, 71.3646

Previews

White Background



This preview shows how the XYZ color 13.0760, 16.2952, 13.2826 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 13.0760, 16.2952, 13.2826 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 13.0760, 16.2952, 13.2826

Background



This preview shows how black text looks on a background with the XYZ color 13.0760, 16.2952, 13.2826.



This preview shows how white text looks on a background with the XYZ color 13.0760, 16.2952,

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

13.0760, 16.2952, 13.2826

Protanopia

15.2902, 16.2656, 12.2312

Deuteranopia

16.4223, 16.1774, 13.5663



Tritanopia

14.6986, 16.2581, 21.4322

Trichromacy



Original Color

13.0760, 16.2952, 13.2826

Protanomaly

14.3692, 16.2854, 12.5113

Deuteranomaly

14.9757, 16.0777, 13.3803

Tritanomaly

13.9453, 16.1159, 17.9985

Monochromacy



Original Color

13.0760, 16.2952, 13.2826

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7218, 15.3924, 15.0798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0760, 16.2952, 13.2826 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(92, 119, 95) looks like.

```
.text, #text, p{  
    color:rgb(92, 119, 95)  
}
```

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(92, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 119, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.0760, 16.2952, 13.2826 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(92, 119, 95) }
```


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

```
.border{ border-color:rgb(92, 119, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 119, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 119,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0760, 16.2952, 13.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 119, 95) }
```

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

```
.background{ background-color: rgb(92, 119,  
95) }
```

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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