

Converting Colors

XYZ(13.0797, 16.7168, 10.5199)

Have a look what the booklet for
XYZ(13.0797, 16.7168, 10.5199)
contains.

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Color

**XYZ(13.0797, 16.7168,
10.5199)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7952
RGB	95, 121, 82
RGB Percent	37%, 47%, 32%
CMY	0.6274, 0.5255, 0.6784
CMYK	0.21, 0.00, 0.32, 0.53
HSL	100°, 19%, 40%
HSV	100°, 32%, 47%
XYZ	13.0797, 16.7168, 10.5199
YIQ	108.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

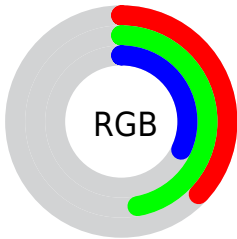
Format	Color
R_{YB}	82, 121, 108
Decimal	6256978
CIE _{Lab}	47.90, -17.30, 18.40
CIE _{LCh}	48, 25.254, 133.225
Yxy	16.7168, 0.3244, 0.4146
Android (android.graphics.Color)	4284447058 (0xFF5F7952)
YUV	108.7800, -13.2025, -12.0851
Hunter-Lab	40.8862, -14.4478, 13.3652

Details

The XYZ color **13.0797, 16.7168, 10.5199** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.6534, 10.6036, 19.4698**, and the grayscale version is **14.5107, 15.2663, 16.6251**.

A 20% lighter version of the original color is **30.9625, 37.6641, 27.4678**, and **3.8702, 5.3967, 2.5879** is the 20% darker color. If you saturate the color by 10%, you get **11.8644, 16.1394, 8.2678**, and if you desaturate by 10%, it is **14.4639, 17.3729, 13.2045**.

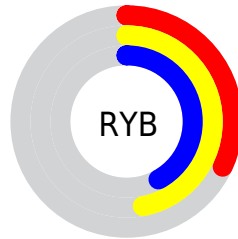
Distribution



Red (37%)

Green (47%)

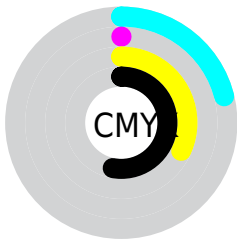
Blue (32%)



Red (32%)

Yellow (47%)

Blue (42%)

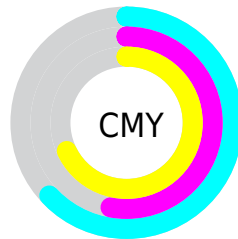


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0797, 16.7168, 10.5199 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 13.0797, 16.7168, 10.5199 by changing the saturation by 10% instead.

■ 13.0797, 16.7168,
10.5199

■ 13.0797, 16.7168,
10.5199

205.0551,
233.5351, 204.9613

■ 7.5608, 10.0328,
5.6349

■ 31.0470, 37.8382,
27.3918

■ 3.8647, 5.4207,
2.5592

■ 44.2261, 53.0444,
40.2159

■ 1.6259, 2.4962,
0.8713

■ 60.6894, 71.8601,
56.5234

■ 0.4092, 0.8747,
0.0000

■ 80.8021, 94.6697,
76.7328

■ 0.0000, 0.0000,
0.0000

■ 104.9297,
121.8576, 101.2628

133.4375,

153.8082, 130.5319

166.6909,
190.9059, 164.9585

■ 13.0797, 16.7168,
10.5199

■ 13.0797, 16.7168,
10.5199

■ 11.8644, 16.1394,
8.2678

■ 14.4639, 17.3729,
13.2045

■ 10.8097, 15.6354,
6.4246

■ 16.0222, 18.1084,
16.3415

■ 9.9088, 15.2023,
4.9660

■ 17.7612, 18.9268,
19.9509

■ 9.1536, 14.8365,
3.8646

■ 19.6865, 19.8306,
24.0510

■ 8.5350, 14.5342,
3.0895

■ 21.8038, 20.8223,
28.6593

■ 8.0431, 14.2908,
2.6044

■ 24.1183, 21.9043,
33.7924

■ 7.7257, 14.1332,
2.3208

■ 26.6352, 23.0788,
39.4662

■ 29.3593, 24.3480,
45.6957

■ 32.2953, 25.7141,
52.4956

Harmonies

Analogous

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



14.9098, 16.7168, 8.5338



13.0797, 16.7168, 10.5199



12.0610, 16.7168, 14.8231

Triad

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



13.0797, 16.7168, 10.5199



14.6606, 16.7168, 33.0080



20.5343, 16.7168, 15.4858

Complementary

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



13.0797, 16.7168, 10.5199



12.6534, 10.6036, 19.4698

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.



20.4513, 16.7168, 22.0584



13.0797, 16.7168, 10.5199



16.9098, 16.7168, 33.3073

Square

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



13.0797, 16.7168, 10.5199



12.9123, 16.7168, 28.1899



19.0738, 16.7168, 28.9302



19.2909, 16.7168, 10.9049

Rectangle

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



13.0797, 16.7168, 10.5199



11.9126, 16.7168, 18.9150



19.0738, 16.7168, 28.9302



20.6639, 16.7168, 17.5066

Sweetspot

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



13.0801, 16.7175, 10.5203



29.2815, 32.7045, 30.4748



14.7713, 15.3999, 10.1768



6.6183, 7.4417, 6.8100



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.



13.0801, 16.7175, 10.5203



21.7108, 29.1220, 15.6499



12.0997, 16.1822, 11.8275



4.0651, 4.5089, 4.2805



8.2678, 15.1394, 2.4864



38.6212, 71.7954, 11.8224

Inverse Universe

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



12.6534, 10.6036, 19.4698



20.8100, 16.2833, 34.4391



13.9688, 11.3263, 17.5198



4.0308, 4.0138, 5.0055



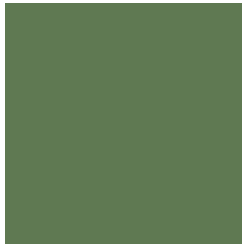
7.2924, 3.3321, 19.6441



33.8553, 15.4150, 93.6608

Previews

White Background



This preview shows how the XYZ color 13.0797, 16.7168, 10.5199 looks on a white background.

Color Contrast Check

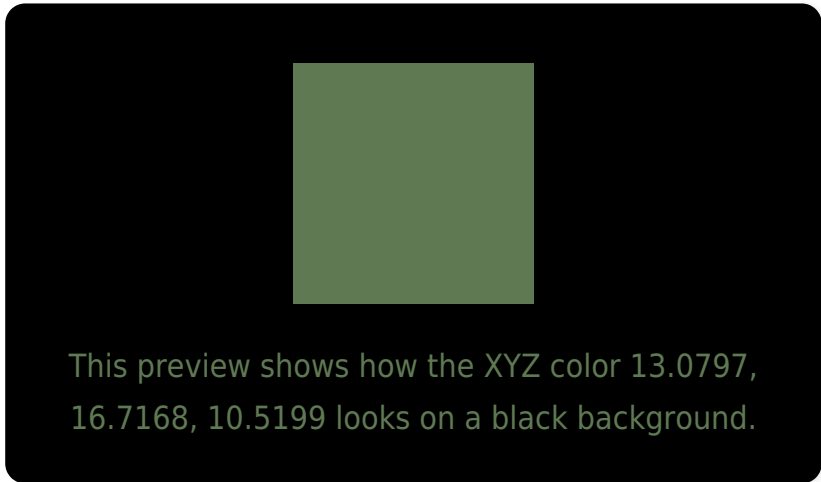
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.0797, 16.7168, 10.5199

Background



This preview shows how black text looks on a background with the XYZ color 13.0797, 16.7168, 10.5199.



This preview shows how white text looks on a background with the XYZ color 13.0797, 16.7168,

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

13.0797, 16.7168, 10.5199

Protanopia

15.3424, 16.5123, 9.7757

Deuteranopia

16.9398, 16.6615, 10.9175



Tritanopia

15.4266, 16.7962, 21.8310

Trichromacy



Original Color

13.0797, 16.7168, 10.5199

Protanomaly

14.3755, 16.5147, 10.0194

Deuteranomaly

15.2511, 16.4434, 10.7576

Tritanomaly

14.3843, 16.7136, 16.9359

Monochromacy



Original Color

13.0797, 16.7168, 10.5199

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.8662, 15.6542, 14.0951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0797, 16.7168, 10.5199 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(95, 121, 82) looks like.

```
.text, #text, p{  
    color:rgb(95, 121, 82)  
}
```

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(95, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 121, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.0797, 16.7168, 10.5199 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(95, 121, 82) }
```


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

```
.border{ border-color:rgb(95, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(95, 121,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0797, 16.7168, 10.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 121, 82) }
```

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

```
.background{ background-color: rgb(95, 121,  
82) }
```

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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