

Converting Colors

XYZ(15.3728, 18.5833, 13.1326)

Have a look what the booklet for
XYZ(15.3728, 18.5833, 13.1326)
contains.

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Color

**XYZ(15.3728, 18.5833,
13.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7D5D
RGB	107, 125, 93
RGB Percent	42%, 49%, 36%
CMY	0.5804, 0.5098, 0.6353
CMYK	0.14, 0.00, 0.26, 0.51
HSL	94°, 15%, 43%
HSV	94°, 26%, 49%
XYZ	15.3728, 18.5833, 13.1326
YIQ	115.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

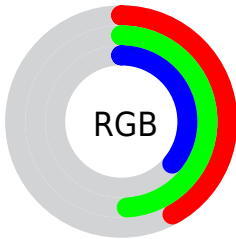
Format	Color
R_{YB}	93, 125, 111
Decimal	7044445
CIE Lab	50.20, -12.91, 15.32
CIE LCh	50, 20.028, 130.121
Yxy	18.5833, 0.3265, 0.3946
Android (android.graphics.Color)	4285234525 (0xFF6B7D5D)
YUV	115.9700, -11.3242, -7.8667
Hunter-Lab	43.1084, -11.7850, 12.1136

Details

The XYZ color **15.3728, 18.5833, 13.1326** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **14.1722, 12.6893, 21.1053**, and the grayscale version is **16.6254, 17.4912, 19.0479**.

A 20% lighter version of the original color is **35.1764, 41.1949, 32.0840**, and **4.9012, 6.3039, 3.6478** is the 20% darker color. If you saturate the color by 10%, you get **14.0526, 17.9621, 10.4132**, and if you desaturate by 10%, it is **16.8533, 19.2778, 16.3328**.

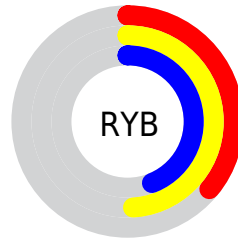
Distribution



Red (42%)

Green (49%)

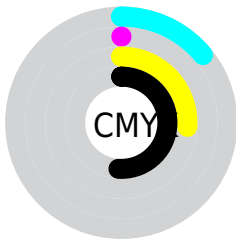
Blue (36%)



Red (36%)

Yellow (49%)

Blue (44%)

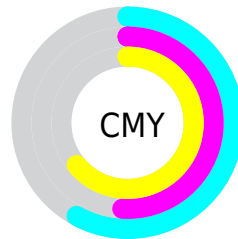


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3728, 18.5833, 13.1326 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 15.3728, 18.5833, 13.1326 by changing the saturation by 10% instead.

■ 15.3728, 18.5833,
13.1326

■ 15.3728, 18.5833,
13.1326

218.9556,
244.1386, 223.0033

■ 9.1695, 11.3696,
7.3881

■ 35.0722, 41.0288,
32.2365

■ 4.9099, 6.3160,
3.6239

■ 49.2989, 57.0293,
46.4329

■ 2.2287, 3.0382,
1.4214

■ 66.9309, 76.7276,
64.2838

■ 0.7578, 1.1517,
0.1583

■ 88.3333, 100.5080,
86.2077

■ 0.0000, 0.0217,
0.0000

113.8717,
128.7549, 112.6230

■ 0.0000, 0.0000,
0.0000

143.9113,

161.8527, 143.9484

178.8175,
200.1858, 180.6023

■ 15.3728, 18.5833,
13.1326

■ 15.3728, 18.5833,
13.1326

■ 14.0526, 17.9621,
10.4132

■ 16.8533, 19.2778,
16.3328

■ 12.8852, 17.4092,
8.1501

■ 18.4983, 20.0456,
20.0343

■ 11.8646, 16.9225,
6.3187

■ 20.3136, 20.8898,
24.2576

■ 10.9839, 16.4992,
4.8912

■ 22.3043, 21.8127,
29.0222

■ 10.2354, 16.1359,
3.8371

■ 24.4754, 22.8163,
34.3460

■ 9.6105, 15.8289,
3.1210

■ 26.8315, 23.9028,
40.2466

■ 9.0961, 15.5729,
2.6844

■ 29.3771, 25.0740,
46.7406

■ 8.8923, 15.4713,
2.5176

■ 32.1166, 26.3318,
53.8438

■ 35.0540, 27.6782,
61.5717

Harmonies

Analogous

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



17.0173, 18.5833, 11.4548



15.3728, 18.5833, 13.1326



14.3908, 18.5833, 16.8238

Triad

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



15.3728, 18.5833, 13.1326



16.4281, 18.5833, 31.9957



21.5833, 18.5833, 18.4193

Complementary

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



15.3728, 18.5833, 13.1326



14.1722, 12.6893, 21.1053

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.



21.3967, 18.5833, 24.0766



15.3728, 18.5833, 13.1326



18.3246, 18.5833, 32.6365

Square

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



15.3728, 18.5833, 13.1326



14.9686, 18.5833, 27.9040



20.1698, 18.5833, 29.5216



20.6625, 18.5833, 14.1166

Rectangle

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



15.3728, 18.5833, 13.1326



14.1984, 18.5833, 20.2566



20.1698, 18.5833, 29.5216



21.6495, 18.5833, 20.2115

Sweetspot

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



15.3733, 18.5841, 13.1330



32.3317, 35.5256, 34.0681



16.0748, 16.4327, 12.6808



7.2658, 8.0395, 7.5489



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.3733, 18.5841, 13.1330



26.0413, 32.5783, 20.4230



13.8957, 17.8141, 13.4377



4.4406, 4.9036, 4.6326



9.2726, 16.1426, 2.6271



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1722, 12.6893, 21.1053



23.4863, 20.0432, 37.3752



15.9727, 13.6292, 20.6602



4.3221, 4.3217, 5.4196



6.5153, 2.9125, 20.4687



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3728, 18.5833, 13.1326 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3728, 18.5833, 13.1326 looks on a black 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

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

XYZ 15.3728, 18.5833, 13.1326

Background



This preview shows how black text looks on a background with the XYZ color 15.3728, 18.5833, 13.1326.



This preview shows how white text looks on a background with the XYZ color 15.3728, 18.5833,

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

15.3728, 18.5833, 13.1326

Protanopia

17.3444, 18.5210, 12.3336

Deuteranopia

18.7303, 18.3498, 13.3811



Tritanopia

17.5558, 18.5554, 23.7753

Trichromacy



Original Color

15.3728, 18.5833, 13.1326

Protanomaly

16.4714, 18.4231, 12.5854

Deuteranomaly

17.2512, 18.2770, 13.2083

Tritanomaly

16.7260, 18.5829, 19.5349

Monochromacy



Original Color

15.3728, 18.5833, 13.1326

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1137, 17.7871, 16.7713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3728, 18.5833, 13.1326 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(107, 125, 93)` looks like.

```
.text, #text, p{  
    color:rgb(107, 125, 93)  
}
```

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(107, 125, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 125, 93) }
```

Border

The CSS property to change the border of an element to XYZ 15.3728, 18.5833, 13.1326 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(107, 125, 93) }
```


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

```
.border{ border-color:rgb(107, 125, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 125, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 125, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 125, 93);  
box-shadow:4px 4px 4px 4px rgb(107, 125,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3728, 18.5833, 13.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 125, 93) }
```

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

```
.background{ background-color: rgb(107,  
125, 93) }
```

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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