

Converting Colors

XYZ(15.4703, 16.0146, 13.6052)

Have a look what the booklet for
XYZ(15.4703, 16.0146, 13.6052)
contains.

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Color

**XYZ(15.4793, 16.0080,
13.5833)**

Conversions

Conversions Part 1

Format	Color
Hex	786E61
RGB	120, 110, 97
RGB Percent	47%, 43%, 38%
CMY	0.5294, 0.5686, 0.6196
CMYK	0.00, 0.08, 0.19, 0.53
HSL	34°, 11%, 43%
HSV	34°, 19%, 47%
XYZ	15.4793, 16.0080, 13.5833
YIQ	111.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

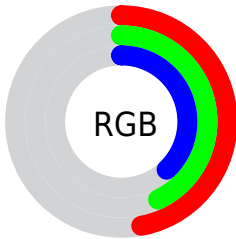
Format	Color
R_{YB}	115, 120, 97
Decimal	7892577
CIE _{Lab}	46.98, 1.56, 8.66
CIE _{LCh}	47, 8.801, 79.775
Yxy	16.0080, 0.3434, 0.3552
Android (android.graphics.Color)	4286082657 (0xFF786E61)
YUV	111.5080, -7.1524, 7.4475
Hunter-Lab	40.0100, -0.9584, 7.8782

Details

The XYZ color **15.4793, 16.0080, 13.5833** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5775, 14.4125, 19.8356**, and the grayscale version is **15.2757, 16.0712, 17.5015**.

A 20% lighter version of the original color is **35.2789, 36.7494, 33.2509**, and **4.9736, 5.1336, 3.8607** is the 20% darker color. If you saturate the color by 10%, you get **14.4154, 14.7088, 10.6739**, and if you desaturate by 10%, it is **16.6619, 17.4087, 16.9503**.

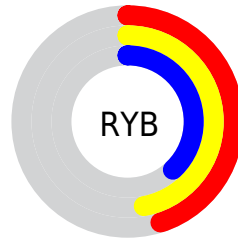
Distribution



Red (47%)

Green (43%)

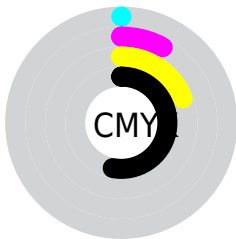
Blue (38%)



Red (45%)

Yellow (47%)

Blue (38%)

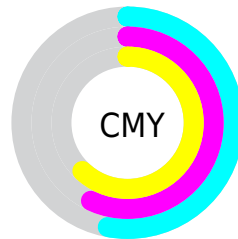


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4793, 16.0080, 13.5833 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 15.4793, 16.0080, 13.5833 by changing the saturation by 10% instead.

■ 15.4793, 16.0080,
13.5833

■ 15.4793, 16.0080,
13.5833

219.5806,
229.3889, 225.9604

■ 9.2450, 9.5298,
7.6960

■ 35.2566, 36.6121,
33.0542

■ 4.9597, 5.0883,
3.8161

■ 49.5304, 51.5068,
47.4749

■ 2.2581, 2.2992,
1.5250

■ 67.2146, 69.9758,
65.5772

■ 0.7731, 0.7733,
0.2364

■ 88.6746, 92.4035,
87.7795

■ 0.0000, 0.0000,
0.0000

114.2759,
119.1742, 114.5004

144.3838,

150.6724, 146.1586

179.3635,
187.2825, 183.1724

■ 15.4793, 16.0080,
13.5833

■ 15.4793, 16.0080,
13.5833

■ 14.4154, 14.7088,
10.6739

■ 16.6619, 17.4087,
16.9503

■ 13.4645, 13.5064,
8.2009

■ 17.9659, 18.9114,
20.7929

■ 12.6224, 12.3988,
6.1430

■ 19.3958, 20.5192,
25.1290

■ 11.8841, 11.3828,
4.4766

■ 20.9551, 22.2343,
29.9757

■ 11.2441, 10.4554,
3.1758

■ 22.6475, 24.0591,
35.3490

■ 10.6961, 9.6131,
2.2115

■ 24.4763, 25.9957,
41.2643

■ 10.2334, 8.8521,
1.5501

■ 26.4448, 28.0462,
47.7363

■ 9.8350, 8.1629,
1.0860

■ 28.5561, 30.2126,
54.7792

■ 9.8032, 8.1080,
1.0483

■ 30.8133, 32.4969,
62.4068

Harmonies

Analogous

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



16.1908, 16.0080, 14.3905



15.4793, 16.0080, 13.5833



14.7200, 16.0080, 13.7385

Triad

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



15.4793, 16.0080, 13.5833



13.8647, 16.0080, 18.9034



16.3731, 16.0080, 20.3124

Complementary

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



15.4793, 16.0080, 13.5833



13.5775, 14.4125, 19.8356

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.



15.7213, 16.0080, 21.7297



15.4793, 16.0080, 13.5833



14.2794, 16.0080, 20.8699

Square

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



15.4793, 16.0080, 13.5833



13.8049, 16.0080, 16.6885



14.9540, 16.0080, 21.9419



16.7183, 16.0080, 18.1931

Rectangle

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



15.4793, 16.0080, 13.5833



14.2879, 16.0080, 14.3717



14.9540, 16.0080, 21.9419



16.1816, 16.0080, 20.8940

Sweetspot

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



15.4797, 16.0087, 13.5836



29.9748, 31.3975, 31.7632



14.6929, 13.6116, 15.8597



7.0775, 7.4105, 7.4508



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.



15.4797, 16.0087, 13.5836



26.3778, 27.1296, 21.5436



16.4614, 18.2074, 13.9563



4.1687, 4.3559, 4.2455



10.6805, 8.8169, 1.1389



50.0884, 40.3403, 5.1465

Inverse Universe

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



13.5775, 14.4125, 19.8356



22.3863, 23.7805, 34.6633



12.7183, 12.5107, 19.5138



3.9276, 4.1535, 5.0379



5.0322, 4.1468, 19.9205



23.1890, 18.1507, 94.7510

Previews

White Background



This preview shows how the XYZ color 15.4793, 16.0080, 13.5833 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 15.4793, 16.0080, 13.5833 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

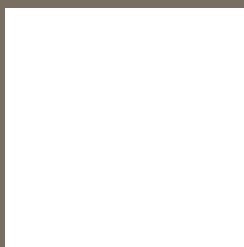
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4793, 16.0080, 13.5833

Background



This preview shows how black text looks on a background with the XYZ color 15.4793, 16.0080, 13.5833.



This preview shows how white text looks on a background with the XYZ color 15.4793, 16.0080,

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

15.4793, 16.0080, 13.5833

Protanopia

15.2252, 16.0326, 13.8474

Deuteranopia

16.2147, 15.9093, 13.7715



Tritanopia

16.4361, 15.9139, 18.7284

Trichromacy



Original Color

15.4793, 16.0080, 13.5833

Protanomaly

15.3603, 16.1023, 13.8538

Deuteranomaly

15.8793, 15.8921, 13.7858

Tritanomaly

16.0080, 15.8942, 16.6922

Monochromacy



Original Color

15.4793, 16.0080, 13.5833

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4085, 16.0753, 16.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4793, 16.0080, 13.5833 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(120, 110, 97)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 97)  
}
```

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(120, 110, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.4793, 16.0080, 13.5833 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(120, 110, 97) }
```


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

```
.border{ border-color:rgb(120, 110, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 110, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 97);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4793, 16.0080, 13.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 110, 97) }
```

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

```
.background{ background-color: rgb(120,  
110, 97) }
```

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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