

Converting Colors

XYZ(15.7521, 15.4987, 11.6677)

Have a look what the booklet for
XYZ(15.7521, 15.4987, 11.6677)
contains.

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Color

**XYZ(15.8593, 15.6185,
11.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	806A59
RGB	128, 106, 89
RGB Percent	50%, 42%, 35%
CMY	0.4980, 0.5843, 0.6510
CMYK	0.00, 0.17, 0.30, 0.50
HSL	26°, 18%, 43%
HSV	26°, 30%, 50%
XYZ	15.8593, 15.6185, 11.6300
YIQ	110.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

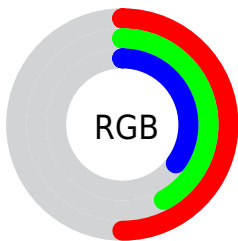
Format	Color
R_{YB}	128, 119, 89
Decimal	8415833
CIE _{Lab}	46.47, 6.00, 12.81
CIE _{LCh}	46, 14.148, 64.913
Yxy	15.6185, 0.3679, 0.3623
Android (android.graphics.Color)	4286605913 (0xFF806A59)
YUV	110.6400, -10.6685, 15.2247
Hunter-Lab	39.5202, 2.4708, 10.2163

Details

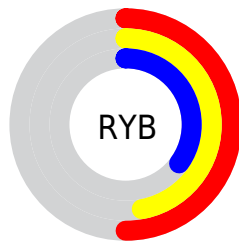
The XYZ color **15.8593, 15.6185, 11.6300** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7005, 15.0509, 22.6052**, and the grayscale version is **15.0316, 15.8144, 17.2219**.

A 20% lighter version of the original color is **35.7732, 35.8018, 29.4511**, and **5.1419, 4.9220, 2.9645** is the 20% darker color. If you saturate the color by 10%, you get **14.6550, 13.9965, 8.8034**, and if you desaturate by 10%, it is **17.2206, 17.4046, 14.9705**.

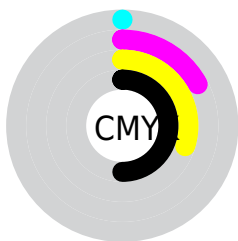
Distribution



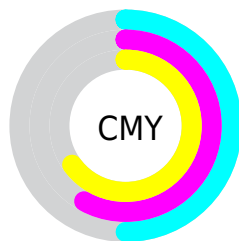
- Red (50%)
- Green (42%)
- Blue (35%)



- Red (50%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8593, 15.6185, 11.6300 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 15.8593, 15.6185, 11.6300 by changing the saturation by 10% instead.

■ 15.8593, 15.6185,
11.6300

■ 15.8593, 15.6185,
11.6300

221.7968,
227.0799, 212.8304

■ 9.5149, 9.2546,
6.3728

■ 35.9132, 35.9346,
29.4737

■ 5.1383, 4.9076,
3.0006

■ 50.3534, 50.6556,
42.8972

■ 2.3642, 2.1932,
1.0950

■ 68.2228, 68.9311,
59.8799

■ 0.8272, 0.7163,
0.0000

■ 89.8869, 91.1455,
80.8404

■ 0.0000, 0.0000,
0.0000

■ 115.7110,
117.6832, 106.1971

146.0604,

148.9286, 136.3687

181.3006,
185.2660, 171.7736

■ 15.8593, 15.6185,
11.6300

■ 15.8593, 15.6185,
11.6300

■ 14.6550, 13.9965,
8.8034

■ 17.2206, 17.4046,
14.9705

■ 13.6000, 12.5315,
6.4636

■ 18.7436, 19.3575,
18.8480

■ 12.6880, 11.2189,
4.5828

■ 20.4343, 21.4824,
23.2855

■ 11.9114, 10.0530,
3.1296

■ 22.2981, 23.7837,
28.3042

■ 11.2618, 9.0278,
2.0687

■ 24.3402, 26.2655,
33.9244

■ 10.7298, 8.1365,
1.3593

■ 26.5652, 28.9319,
40.1651

■ 10.3068, 7.3985,
0.8848

■ 28.9780, 31.7868,
47.0448

■ 31.5831, 34.8339,
54.5811

■ 34.3846, 38.0770,
62.7907

Harmonies

Analogous

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



16.8476, 15.6185, 13.4515



15.8593, 15.6185, 11.6300



14.6454, 15.6185, 11.1648

Triad

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



15.8593, 15.6185, 11.6300



12.6335, 15.6185, 17.5863



16.2248, 15.6185, 23.1144

Complementary

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



15.8593, 15.6185, 11.6300



13.7005, 15.0509, 22.6052

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.



15.0462, 15.6185, 24.5947



15.8593, 15.6185, 11.6300



13.0076, 15.6185, 21.1369

Square

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



15.8593, 15.6185, 11.6300



12.8249, 15.6185, 14.3198



13.8747, 15.6185, 23.8258



17.0666, 15.6185, 20.0084

Rectangle

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



15.8593, 15.6185, 11.6300



13.8809, 15.6185, 11.6233



13.8747, 15.6185, 23.8258



15.8526, 15.6185, 23.8366

Sweetspot

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



15.8597, 15.6192, 11.6303



33.3597, 34.5367, 34.1149



15.3494, 12.8841, 16.7459



7.7268, 7.9800, 7.7706



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.8597, 15.6192, 11.6303



26.3314, 25.3634, 16.7173



18.0898, 20.0793, 12.3737



4.4700, 4.6287, 4.5780



10.2212, 7.3388, 0.8778



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7005, 15.0509, 22.6052



21.8527, 24.1816, 39.4720



11.8089, 11.2677, 21.9747



4.2943, 4.5826, 5.4715



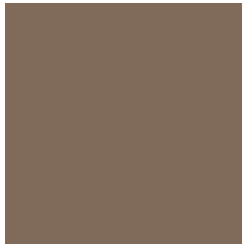
6.1753, 6.1691, 21.1152



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8593, 15.6185, 11.6300 looks on a white background.

Color Contrast Check

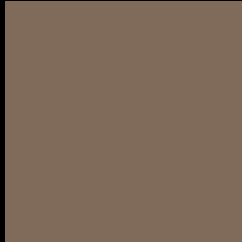
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8593, 15.6185, 11.6300 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 15.8593, 15.6185, 11.6300

Background



This preview shows how black text looks on a background with the XYZ color 15.8593, 15.6185, 11.6300.



This preview shows how white text looks on a background with the XYZ color 15.8593, 15.6185,

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

15.8593, 15.6185, 11.6300

Protanopia

14.8004, 15.6891, 12.1458

Deuteranopia

15.8593, 15.6185, 11.6300



Tritanopia

16.9254, 15.5940, 17.1568

Trichromacy



Original Color

15.8593, 15.6185, 11.6300

Protanomaly

15.1993, 15.7404, 11.9100

Deuteranomaly

15.8593, 15.6185, 11.6300

Tritanomaly

16.4518, 15.5470, 14.9657

Monochromacy



Original Color

15.8593, 15.6185, 11.6300

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2529, 15.6985, 15.0582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8593, 15.6185, 11.6300 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(128, 106, 89)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 89)  
}
```

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(128, 106, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 89) }
```

Border

The CSS property to change the border of an element to XYZ 15.8593, 15.6185, 11.6300 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(128, 106, 89) }
```


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

```
.border{ border-color:rgb(128, 106, 89) }
```

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

Here you see how a box with a 4 pixel rgb(128, 106, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 89);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8593, 15.6185, 11.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 89) }
```

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

```
.background{ background-color: rgb(128,  
106, 89) }
```

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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