

Converting Colors

XYZ(16.5877, 15.3329, 10.6121)

Have a look what the booklet for
XYZ(16.5877, 15.3329, 10.6121)
contains.

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Color

**XYZ(16.6099, 15.2816,
10.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	896555
RGB	137, 101, 85
RGB Percent	54%, 40%, 33%
CMY	0.4627, 0.6039, 0.6667
CMYK	0.00, 0.26, 0.38, 0.46
HSL	18°, 23%, 44%
HSV	18°, 38%, 54%
XYZ	16.6099, 15.2816, 10.6685
YIQ	109.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

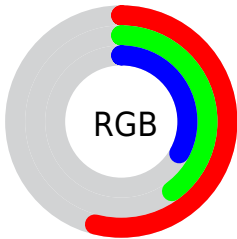
Format	Color
R _Y B	137, 108, 85
Decimal	9004373
CIE Lab	46.02, 12.22, 14.72
CIE LCh	46, 19.137, 50.299
Yxy	15.2816, 0.3903, 0.3591
Android (android.graphics.Color)	4287194453 (0xFF896555)
YUV	109.9400, -12.2954, 23.7316
Hunter-Lab	39.0917, 7.4335, 11.1834

Details

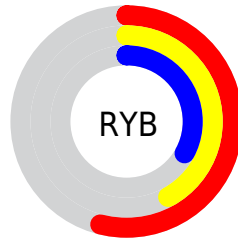
The XYZ color **16.6099, 15.2816, 10.6685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0988, 17.4115, 26.2319**, and the grayscale version is **14.8329, 15.6054, 16.9943**.

A 20% lighter version of the original color is **37.3396, 35.4122, 27.7889**, and **5.5399, 4.7700, 2.6362** is the 20% darker color. If you saturate the color by 10%, you get **15.2492, 13.3485, 7.7848**, and if you desaturate by 10%, it is **18.1831, 17.4708, 14.1434**.

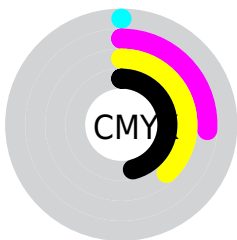
Distribution



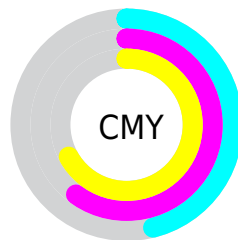
- Red (54%)
- Green (40%)
- Blue (33%)



- Red (54%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6099, 15.2816, 10.6685 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 16.6099, 15.2816, 10.6685 by changing the saturation by 10% instead.

■ 16.6099, 15.2816,
10.6685

■ 16.6099, 15.2816,
10.6685

226.1145,
225.0644, 206.0340

■ 10.0503, 9.0173,
5.7330

■ 37.2028, 35.3464,
27.6727

■ 5.4949, 4.7524,
2.6173

■ 51.9668, 49.9157,
40.5786

■ 2.5781, 2.1028,
0.9014

■ 70.1964, 68.0221,
56.9783

■ 0.9348, 0.6662,
0.0000

■ 92.2568, 90.0500,
77.2905

■ 0.0000, 0.0000,
0.0000

■ 118.5135,
116.3838, 101.9336

149.3318,

147.4078, 131.3262

185.0770,
183.5066, 165.8868

■ 16.6099, 15.2816,
10.6685

■ 16.6099, 15.2816,
10.6685

■ 15.2492, 13.3485,
7.7848

■ 18.1831, 17.4708,
14.1434

■ 14.0901, 11.6598,
5.4579

■ 19.9765, 19.9232,
18.2392

■ 13.1225, 10.2059,
3.6514

■ 21.9993, 22.6480,
22.9848

■ 12.3348, 8.9757,
2.3242

■ 24.2592, 25.6535,
28.4070

■ 11.7138, 7.9571,
1.4286

■ 26.7641, 28.9475,
34.5311

■ 11.2363, 7.1334,
0.8651

■ 29.5211, 32.5376,
41.3811

■ 11.1503, 6.9858,
0.7607

■ 32.5372, 36.4311,
48.9797

■ 35.8190, 40.6350,
57.3489

■ 39.3731, 45.1560,
66.5095

Harmonies

Analogous

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



17.6513, 15.2816, 13.7282



16.6099, 15.2816, 10.6685



15.0567, 15.2816, 9.2951

Triad

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



16.6099, 15.2816, 10.6685



11.6617, 15.2816, 15.1785



15.6340, 15.2816, 26.5034

Complementary

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



16.6099, 15.2816, 10.6685



15.0988, 17.4115, 26.2319

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.



14.0053, 15.2816, 27.0901



16.6099, 15.2816, 10.6685



11.7910, 15.2816, 19.9348

Square

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



16.6099, 15.2816, 10.6685



12.2544, 15.2816, 11.5598



12.6218, 15.2816, 24.5026



17.0594, 15.2816, 23.0233

Rectangle

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



16.6099, 15.2816, 10.6685



13.9741, 15.2816, 9.3060



12.6218, 15.2816, 24.5026



15.0896, 15.2816, 27.0678

Sweetspot

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



16.6103, 15.2823, 10.6688



38.1598, 38.8997, 38.2367



17.0409, 13.2058, 19.8689



8.4651, 8.5986, 8.3552



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.6103, 15.2823, 10.6688



27.5222, 24.2116, 14.3834



19.4941, 21.0499, 11.6301



5.1503, 5.2834, 5.3007



10.3961, 6.5267, 0.7118



0.0809, 0.0670, 0.0087

Inverse Universe

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



15.0988, 17.4115, 26.2319



24.3802, 28.6005, 46.6186



12.3901, 11.9942, 25.3290



5.0451, 5.4332, 6.3887



8.0152, 9.3007, 23.4185



0.0663, 0.0878, 0.1599

Previews

White Background



This preview shows how the XYZ color 16.6099, 15.2816, 10.6685 looks on a white background.

Color Contrast Check

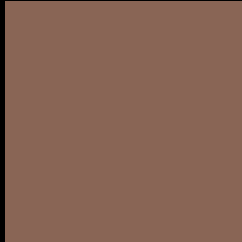
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.6099, 15.2816, 10.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

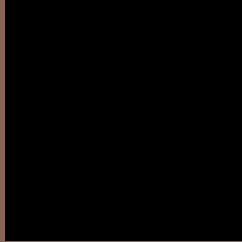
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6099, 15.2816, 10.6685

Background



This preview shows how black text looks on a background with the XYZ color 16.6099, 15.2816, 10.6685.



This preview shows how white text looks on a background with the XYZ color 16.6099, 15.2816,

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

16.6099, 15.2816, 10.6685

Protanopia

14.4743, 15.3716, 11.6553

Deuteranopia

15.5539, 15.3324, 10.5272



Tritanopia

17.6167, 15.2649, 15.6536

Trichromacy



Original Color

16.6099, 15.2816, 10.6685

Protanomaly

15.2277, 15.2977, 11.3827

Deuteranomaly

15.9106, 15.3660, 10.5149

Tritanomaly

17.1477, 15.2088, 13.5871

Monochromacy



Original Color

16.6099, 15.2816, 10.6685

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3524, 15.4480, 14.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6099, 15.2816, 10.6685 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(137, 101, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 85)  
}
```

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(137, 101, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 85) }
```

Border

The CSS property to change the border of an element to XYZ 16.6099, 15.2816, 10.6685 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(137, 101, 85) }
```


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

```
.border{ border-color:rgb(137, 101, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 101, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6099, 15.2816, 10.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 85) }
```

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

```
.background{ background-color: rgb(137,  
101, 85) }
```

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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