

Converting Colors

XYZ(15.2987, 13.3788, 10.3709)

Have a look what the booklet for
XYZ(15.2987, 13.3788, 10.3709)
contains.

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Color

**XYZ(15.2984, 13.3785,
10.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	865C55
RGB	134, 92, 85
RGB Percent	53%, 36%, 33%
CMY	0.4745, 0.6392, 0.6667
CMYK	0.00, 0.31, 0.37, 0.47
HSL	9°, 22%, 43%
HSV	9°, 37%, 53%
XYZ	15.2984, 13.3785, 10.3703
YIQ	103.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

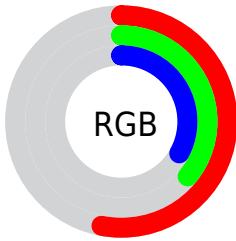
Format	Color
R_{YB}	134, 93, 85
Decimal	8805461
CIE Lab	43.33, 16.26, 10.95
CIE LCh	43, 19.603, 33.973
Yxy	13.3785, 0.3918, 0.3426
Android (android.graphics.Color)	4286995541 (0xFF865C55)
YUV	103.7600, -9.2487, 26.5205
Hunter-Lab	36.5766, 10.6496, 8.7936




Details

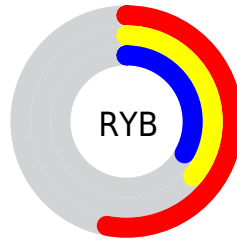
The XYZ color **15.2984, 13.3785, 10.3703** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6386, 18.8307, 25.3649**, and the grayscale version is **13.1131, 13.7960, 15.0238**.




A 20% lighter version of the original color is **34.9347, 32.0856, 27.2735**, and **4.9273, 3.9462, 2.5095** is the 20% darker color. If you saturate the color by 10%, you get **13.8951, 11.3446, 7.5202**, and if you desaturate by 10%, it is **16.9541, 15.7557, 13.8023**.

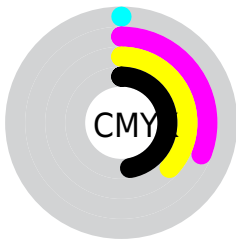
Distribution







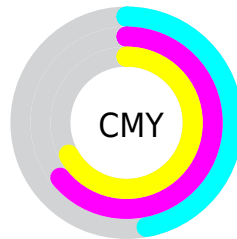
-  Red (53%)
-  Green (36%)
-  Blue (33%)






-  Red (53%)
-  Yellow (36%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (37%)
-  Black (47%)



-  Cyan (47%)
-  Magenta (64%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2984, 13.3785, 10.3703 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 15.2984, 13.3785, 10.3703 by changing the saturation by 10% instead.

■ 15.2984, 13.3785,
10.3703

■ 15.2984, 13.3785,
10.3703

218.5181,
213.3294, 203.8748

■ 9.1168, 7.6897,
5.5364

■ 34.9432, 31.9821,
27.1083

■ 4.8751, 3.8970,
2.5011

■ 49.1370, 45.6657,
39.8495

■ 2.2082, 1.6161,
0.8407

■ 66.7324, 62.7831,
56.0635

■ 0.7470, 0.3684,
0.0000

■ 88.0945, 83.7185,
76.1689

■ 0.0000, 0.0000,
0.0000

■ 113.5887,
108.8565, 100.5842

143.5805,

138.5813, 129.7279

178.4352,
173.2775, 164.0186

■ 15.2984, 13.3785,
10.3703

■ 15.2984, 13.3785,
10.3703

■ 13.8951, 11.3446,
7.5202

■ 16.9541, 15.7557,
13.8023

■ 12.7306, 9.6363,
5.2188

■ 18.8728, 18.4892,
17.8452

■ 11.7918, 8.2371,
3.4310


■ 21.0657, 21.5934,
22.5270


■ 11.0637, 7.1284,
2.1170


■ 23.5430, 25.0815,
27.8738


■ 10.5295, 6.2895,
1.2313


■ 26.3145, 28.9661,
33.9102


 10.1650, 5.6950,
0.6956

 29.3894, 33.2591,
40.6596

 10.0670, 5.5392,
0.5386

 32.7766, 37.9719,
48.1442

 36.4846, 43.1156,
56.3852

 40.5215, 48.7007,
65.4032

Harmonies

Analogous

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



15.8619, 13.3785, 13.9943



15.2984, 13.3785, 10.3703



14.0427, 13.3785, 8.2629

Triad

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



15.2984, 13.3785, 10.3703



10.2650, 13.3785, 11.1924



12.9195, 13.3785, 24.6207

Complementary

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



15.2984, 13.3785, 10.3703



15.6386, 18.8307, 25.3649

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.



11.4754, 13.3785, 23.4628



15.2984, 13.3785, 10.3703



10.0160, 13.3785, 15.1549

Square

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



15.2984, 13.3785, 10.3703



11.1508, 13.3785, 8.6669



10.4417, 13.3785, 19.7659



14.4209, 13.3785, 22.6745

Rectangle

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



15.2984, 13.3785, 10.3703



13.0254, 13.3785, 7.7248



10.4417, 13.3785, 19.7659



12.4113, 13.3785, 24.5836

Sweetspot

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



15.2987, 13.3791, 10.3706



35.2479, 35.4054, 35.6906



16.9414, 13.1100, 21.8762



7.8439, 7.8390, 7.8335



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.2987, 13.3791, 10.3706



24.8481, 20.5217, 13.9861



17.7206, 18.2228, 11.1778



4.7223, 4.7883, 4.9047



9.4395, 5.2016, 0.5065



0.0359, 0.0244, 0.0028

Inverse Universe

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



15.6386, 18.8307, 25.3649



25.5304, 31.5956, 44.4914



12.8965, 13.3465, 24.4508



4.7464, 5.1685, 5.9482



9.7678, 13.0835, 23.1472



0.0377, 0.0530, 0.0815

Previews

White Background



This preview shows how the XYZ color 15.2984, 13.3785, 10.3703 looks on a white background.

Color Contrast Check

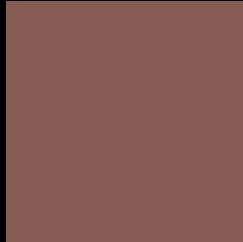
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2984, 13.3785, 10.3703 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 15.2984, 13.3785, 10.3703

Background



This preview shows how black text looks on a background with the XYZ color 15.2984, 13.3785, 10.3703.



This preview shows how white text looks on a background with the XYZ color 15.2984, 13.3785,

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

15.2984, 13.3785, 10.3703

Protanopia

12.6602, 13.3667, 11.5856

Deuteranopia

13.6698, 13.4857, 10.2700



Tritanopia

15.8055, 13.3263, 13.0485

Trichromacy



Original Color

15.2984, 13.3785, 10.3703

Protanomaly

13.4653, 13.2219, 11.0749

Deuteranomaly

14.0953, 13.2909, 10.2100

Tritanomaly

15.7085, 13.4234, 12.1190

Monochromacy



Original Color

15.2984, 13.3785, 10.3703

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.7851, 13.6222, 13.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2984, 13.3785, 10.3703 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(134, 92, 85)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 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(134, 92, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 85) }
```

Border

The CSS property to change the border of an element to XYZ 15.2984, 13.3785, 10.3703 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(134, 92, 85) }
```


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

```
.border{ border-color:rgb(134, 92, 85) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 85);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2984, 13.3785, 10.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 85) }
```

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

```
.background{ background-color: rgb(134, 92,  
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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