

Converting Colors

XYZ(15.9317, 13.7205, 14.5102)

Have a look what the booklet for
XYZ(15.9317, 13.7205, 14.5102)
contains.

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Color

**XYZ(16.0354, 13.7945,
14.6494)**

Conversions

Conversions Part 1

Format	Color
Hex	855D67
RGB	133, 93, 103
RGB Percent	52%, 36%, 40%
CMY	0.4784, 0.6353, 0.5961
CMYK	0.00, 0.30, 0.23, 0.48
HSL	345°, 18%, 44%
HSV	345°, 30%, 52%
XYZ	16.0354, 13.7945, 14.6494
YIQ	106.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

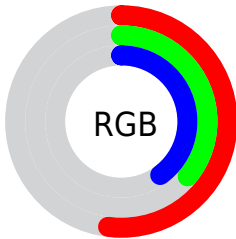
Format	Color
R_{YB}	133, 93, 103
Decimal	8740199
CIE _{Lab}	43.94, 17.93, 0.86
CIE _{LCh}	44, 17.953, 2.735
Yxy	13.7945, 0.3605, 0.3101
Android (android.graphics.Color)	4286930279 (0xFF855D67)
YUV	106.1000, -1.5283, 23.5913
Hunter-Lab	37.1409, 12.0697, 2.6131




Details

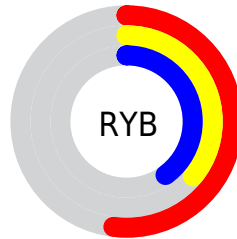
The XYZ color **16.0354, 13.7945, 14.6494** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4775, 20.5326, 21.8346**, and the grayscale version is **13.7274, 14.4423, 15.7277**.




A 20% lighter version of the original color is **36.2995, 32.8444, 34.9983**, and **5.1705, 4.0334, 4.2474** is the 20% darker color. If you saturate the color by 10%, you get **14.4968, 11.4713, 11.8118**, and if you desaturate by 10%, it is **17.8376, 16.5490, 17.8699**.

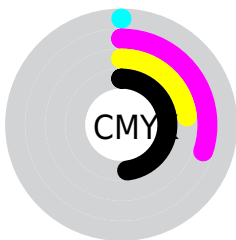
Distribution







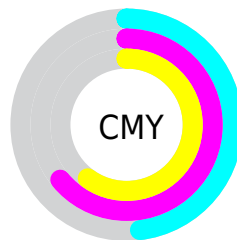
-  Red (52%)
-  Green (36%)
-  Blue (40%)






-  Red (52%)
-  Yellow (36%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (23%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (64%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0354, 13.7945, 14.6494 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 16.0354, 13.7945, 14.6494 by changing the saturation by 10% instead.

■ 16.0354, 13.7945,
14.6494

■ 16.0354, 13.7945,
14.6494

222.8168,
215.9486, 232.8014

■ 9.6402, 7.9779,
8.4298

■ 36.2166, 32.7240,
34.9705

■ 5.2215, 4.0808,
4.2795

■ 50.7333, 46.6056,
49.9091

■ 2.4139, 1.7189,
1.7799

■ 68.6879, 63.9443,
68.5911

■ 0.8520, 0.4358,
0.4146

■ 90.4458, 85.1246,
91.4351

■ 0.0000, 0.0000,
0.0000

116.3723,
110.5307, 118.8596

146.8327,

140.5472, 151.2831

182.1924,
175.5584, 189.1242

■ 16.0354, 13.7945,
14.6494

■ 16.0354, 13.7945,
14.6494

■ 14.4968, 11.4713,
11.8118

■ 17.8376, 16.5490,
17.8699

■ 13.2080, 9.5556,
9.3419

■ 19.9139, 19.7532,
21.4863

■ 12.1558, 8.0242,
7.2243

■ 22.2759, 23.4267,
25.5118

■ 11.3250, 6.8509,
5.4425

■ 24.9338, 27.5874,
29.9590

■ 10.6990, 6.0060,
3.9783

■ 27.8976, 32.2523,
34.8396

■ 10.2582, 5.4551,
2.8119

■ 31.1767, 37.4376,
40.1651

■ 9.9509, 5.0978,
1.9163

■ 34.7801, 43.1586,
45.9465

■ 38.7164, 49.4302,
52.1944

■ 42.9940, 56.2666,
58.9190

Harmonies

Analogous

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



15.6941, 13.7945, 18.8989



16.0354, 13.7945, 14.6494



15.5475, 13.7945, 11.1720

Triad

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



16.0354, 13.7945, 14.6494



11.6880, 13.7945, 9.3504



11.8985, 13.7945, 23.1082

Complementary

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



16.0354, 13.7945, 14.6494



16.4775, 20.5326, 21.8346

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.



10.9438, 13.7945, 19.6631



16.0354, 13.7945, 14.6494



10.8286, 13.7945, 11.7116

Square

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



16.0354, 13.7945, 14.6494



12.9813, 13.7945, 8.4790



10.5661, 13.7945, 15.3965



13.2421, 13.7945, 24.2744

Rectangle

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



16.0354, 13.7945, 14.6494



14.8369, 13.7945, 9.6115



10.5661, 13.7945, 15.3965



11.5249, 13.7945, 22.1509

Sweetspot

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



16.0358, 13.7951, 14.6497



36.0084, 35.9112, 39.0740



16.3168, 13.7338, 23.9813



7.9991, 7.9149, 8.6081



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.



16.0358, 13.7951, 14.6497



26.8074, 21.8149, 22.7329



16.4994, 15.4780, 12.4746



4.7168, 4.7064, 5.1211



9.4812, 4.8568, 1.8406



0.0354, 0.0179, 0.0199

Inverse Universe

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



16.0358, 13.7951, 14.6497



26.8074, 21.8149, 22.7329



15.8313, 18.1870, 24.8665



4.7168, 4.7064, 5.1211



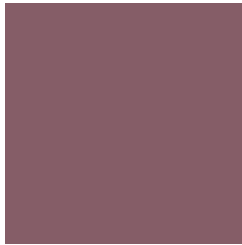
9.4812, 4.8568, 1.8406



0.0354, 0.0179, 0.0199

Previews

White Background



This preview shows how the XYZ color 16.0354, 13.7945, 14.6494 looks on a white background.

Color Contrast Check

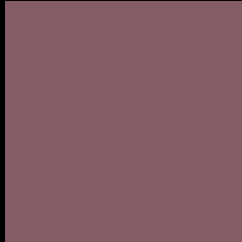
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0354, 13.7945, 14.6494 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 16.0354, 13.7945, 14.6494

Background



This preview shows how black text looks on a background with the XYZ color 16.0354, 13.7945, 14.6494.



This preview shows how white text looks on a background with the XYZ color 16.0354, 13.7945,

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

16.0354, 13.7945, 14.6494

Protanopia

13.5363, 14.0080, 16.4584

Deuteranopia

14.1222, 13.9115, 14.5112



Tritanopia

15.9362, 13.7548, 14.1269

Trichromacy



Original Color

16.0354, 13.7945, 14.6494

Protanomaly

14.2812, 13.8207, 15.8249

Deuteranomaly

14.7920, 13.8322, 14.4606

Tritanomaly

15.9855, 13.7746, 14.3866

Monochromacy



Original Color

16.0354, 13.7945, 14.6494

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4059, 14.0403, 15.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0354, 13.7945, 14.6494 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(133, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(133, 93, 103)  
}
```

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(133, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 93, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.0354, 13.7945, 14.6494 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(133, 93, 103) }
```


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

```
.border{ border-color:rgb(133, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(133, 93,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0354, 13.7945, 14.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 93, 103) }
```

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

```
.background{ background-color: rgb(133, 93,  
103) }
```

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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