

Converting Colors

XYZ(16.5391, 14.1509, 17.1310)

Have a look what the booklet for
XYZ(16.5391, 14.1509, 17.1310)
contains.

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Color

**XYZ(16.6002, 14.1618,
17.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	855E70
RGB	133, 94, 112
RGB Percent	52%, 37%, 44%
CMY	0.4784, 0.6314, 0.5608
CMYK	0.00, 0.29, 0.16, 0.48
HSL	332°, 17%, 45%
HSV	332°, 29%, 52%
XYZ	16.6002, 14.1618, 17.1878
YIQ	107.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

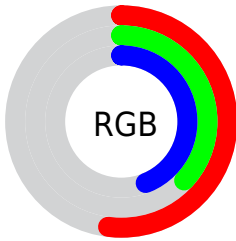
Format	Color
R_{YB}	133, 94, 112
Decimal	8740464
CIE _{Lab}	44.46, 18.87, -3.84
CIE _{LCh}	44, 19.253, 348.492
Yxy	14.1618, 0.3462, 0.2953
Android (android.graphics.Color)	4286930544 (0xFF855E70)
YUV	107.7130, 2.1135, 22.1767
Hunter-Lab	37.6322, 12.8831, -0.7371

Details

The XYZ color **16.6002, 14.1618, 17.1878** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0987, 20.3929, 19.3084**, and the grayscale version is **14.1647, 14.9024, 16.2287**.

A 20% lighter version of the original color is **37.3198, 33.4959, 39.6204**, and **5.5092, 4.2422, 5.3789** is the 20% darker color. If you saturate the color by 10%, you get **15.1349, 11.8440, 14.8096**, and if you desaturate by 10%, it is **18.3019, 16.9012, 19.8017**.

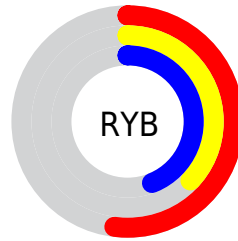
Distribution



Red (52%)

Green (37%)

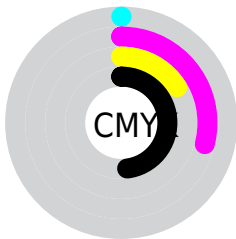
Blue (44%)



Red (52%)

Yellow (37%)

Blue (44%)

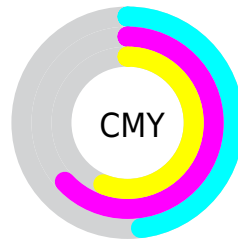


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (48%)



Cyan (48%)

Magenta (63%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6002, 14.1618, 17.1878 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 16.6002, 14.1618, 17.1878 by changing the saturation by 10% instead.

■ 16.6002, 14.1618,
17.1878

■ 16.6002, 14.1618,
17.1878

226.0592,
218.2351, 248.3328

■ 10.0434, 8.2333,
10.2051

■ 37.1862, 33.3758,
39.4435

■ 5.4902, 4.2446,
5.4278

■ 51.9461, 47.4302,
55.5535

■ 2.5753, 1.8113,
2.4373

■ 70.1710, 64.9619,
75.5431

■ 0.9334, 0.4942,
0.8066

■ 92.2264, 86.3554,
99.8307

■ 0.0000, 0.0000,
0.0000

118.4775,
111.9950, 128.8350

149.2898,

142.2653, 162.9744

185.0286,
177.5505, 202.6675

■ 16.6002, 14.1618,
17.1878

■ 16.6002, 14.1618,
17.1878

■ 15.1349, 11.8440,
14.8096

■ 18.3019, 16.9012,
19.8017

■ 13.8935, 9.9247,
12.6588

■ 20.2491, 20.0799,
22.6573

■ 12.8644, 8.3815,
10.7278

■ 22.4521, 23.7170,
25.7615

■ 12.0341, 7.1889,
9.0085

■ 24.9200, 27.8300,
29.1208

■ 11.3877, 6.3182,
7.4916

■ 27.6616, 32.4353,
32.7412

■ 10.9078, 5.7362,
6.1671

■ 30.6852, 37.5485,
36.6287

■ 10.5486, 5.3525,
5.0154

■ 33.9989, 43.1847,
40.7889

■ 10.5255, 5.3276,
4.9423

■ 37.6102, 49.3581,
45.2272

■ 41.5266, 56.0827,
49.9492

Harmonies

Analogous

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



15.8202, 14.1618, 21.8029



16.6002, 14.1618, 17.1878



16.4923, 14.1618, 12.8657

Triad

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



16.6002, 14.1618, 17.1878



12.5362, 14.1618, 8.6538



11.5786, 14.1618, 22.7432

Complementary

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



16.6002, 14.1618, 17.1878



16.0987, 20.3929, 19.3084

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.



10.8249, 14.1618, 18.2913



16.6002, 14.1618, 17.1878



11.3477, 14.1618, 10.4226

Square

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



16.6002, 14.1618, 17.1878



14.0643, 14.1618, 8.4718



10.7437, 14.1618, 13.7774



12.8740, 14.1618, 25.3978

Rectangle

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



16.6002, 14.1618, 17.1878



15.9328, 14.1618, 10.6902



10.7437, 14.1618, 13.7774



11.2579, 14.1618, 21.3719

Sweetspot

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



16.6006, 14.1624, 17.1881



36.3051, 36.0299, 40.6365



15.2809, 13.3309, 23.9582



8.0743, 7.9450, 9.0040



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.



16.6006, 14.1624, 17.1881



27.9818, 22.5903, 27.9752



15.8131, 14.0340, 12.4658



4.7553, 4.7218, 5.3239



10.0297, 5.0762, 4.7287



0.0384, 0.0190, 0.0354

Inverse Universe

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



16.6006, 14.1624, 17.1881



27.9818, 22.5903, 27.9752



17.0608, 20.4948, 25.2472



4.7553, 4.7218, 5.3239



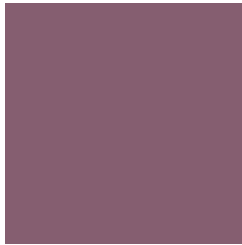
10.0297, 5.0762, 4.7287



0.0384, 0.0190, 0.0354

Previews

White Background



This preview shows how the XYZ color 16.6002, 14.1618, 17.1878 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 16.6002, 14.1618, 17.1878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

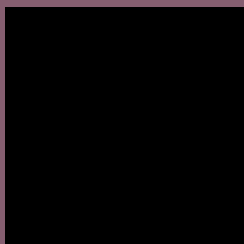
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6002, 14.1618, 17.1878

Background



This preview shows how black text looks on a background with the XYZ color 16.6002, 14.1618, 17.1878.



This preview shows how white text looks on a background with the XYZ color 16.6002, 14.1618,

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

16.6002, 14.1618, 17.1878

Protanopia

13.9749, 14.3186, 19.4800

Deuteranopia

14.3759, 14.1392, 16.7233



Tritanopia

16.1468, 14.2505, 14.7316

Trichromacy



Original Color

16.6002, 14.1618, 17.1878

Protanomaly

14.7455, 14.1457, 18.4762

Deuteranomaly

15.0768, 14.0644, 16.9590

Tritanomaly

16.2094, 14.1306, 15.5088

Monochromacy



Original Color

16.6002, 14.1618, 17.1878

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.9467, 14.5865, 16.4957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6002, 14.1618, 17.1878 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, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(133, 94, 112)  
}
```

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, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 94, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.6002, 14.1618, 17.1878 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, 94, 112) }
```


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

```
.border{ border-color:rgb(133, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(133, 94,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6002, 14.1618, 17.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 94, 112) }
```

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

```
.background{ background-color: rgb(133, 94,  
112) }
```

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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