

Converting Colors

XYZ(17.4284, 16.3352, 15.8701)

Have a look what the booklet for
XYZ(17.4284, 16.3352, 15.8701)
contains.

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Color

**XYZ(17.4284, 16.3352,
15.8701)**

Conversions

Conversions Part 1

Format	Color
Hex	856A6A
RGB	133, 106, 106
RGB Percent	52%, 42%, 42%
CMY	0.4784, 0.5843, 0.5843
CMYK	0.00, 0.20, 0.20, 0.48
HSL	0°, 11%, 47%
HSV	0°, 20%, 52%
XYZ	17.4284, 16.3352, 15.8701
YIQ	114.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

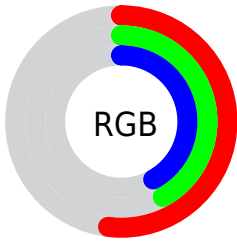
Format	Color
R_{YB}	133, 106, 106
Decimal	8743530
CIE _{Lab}	47.41, 10.74, 4.08
CIE _{LCh}	47, 11.483, 20.791
Yxy	16.3352, 0.3511, 0.3291
Android (android.graphics.Color)	4286933610 (0xFF856A6A)
YUV	114.0730, -3.9800, 16.5990
Hunter-Lab	40.4168, 6.2427, 5.0109

Details

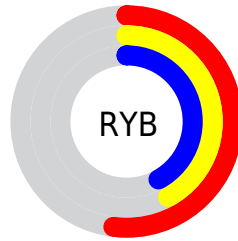
The XYZ color **17.4284, 16.3352, 15.8701** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.5648, 21.5321, 25.3681**, and the grayscale version is **16.0246, 16.8592, 18.3596**.

A 20% lighter version of the original color is **38.6363, 37.1131, 37.0255**, and **5.9207, 5.2827, 4.8453** is the 20% darker color. If you saturate the color by 10%, you get **15.5239, 13.5485, 12.0835**, and if you desaturate by 10%, it is **19.6536, 19.5914, 20.2933**.

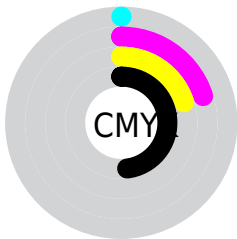
Distribution



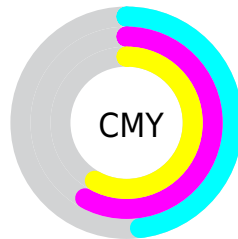
- Red (52%)
- Green (42%)
- Blue (42%)



- Red (52%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (48%)





- Cyan (48%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4284, 16.3352, 15.8701 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 17.4284, 16.3352, 15.8701 by changing the saturation by 10% instead.


 17.4284, 16.3352,
15.8701


 17.4284, 16.3352,
15.8701


230.7376,
231.3116, 240.3935


 10.6376, 9.7617,
9.2789


 38.5987, 37.1792,
37.1362


 5.8892, 5.2412,
4.8243

 53.7088, 52.2184,
52.6482

 2.8178, 2.3895,
2.0876

 72.3228, 70.8482,
71.9709

 1.0582, 0.8205,
0.6084

 94.8060, 93.4532,
95.5228

 0.0000, 0.0000,
0.0000

121.5237,
120.4176, 123.7224

152.8413,

152.1259, 156.9884

189.1241,
188.9624, 195.7392

■ 17.4284, 16.3352,
15.8701

■ 17.4284, 16.3352,
15.8701

■ 15.5239, 13.5485,
12.0835

■ 19.6536, 19.5914,
20.2933

■ 13.9242, 11.2076,
8.9032

■ 22.2120, 23.3350,
25.3794

■ 12.6137, 9.2900,
6.2982

■ 25.1169, 27.5857,
31.1545

■ 11.5753, 7.7705,
4.2339

■ 28.3807, 32.3613,
37.6429

■ 10.7898, 6.6211,
2.6726

■ 32.0149, 37.6791,
44.8679

■ 10.2357, 5.8102,
1.5711

■ 36.0307, 43.5552,
52.8515

■ 9.8877, 5.3010,
0.8795

■ 40.4387, 50.0053,
61.6150

■ 9.6730, 4.9868,
0.4527

■ 45.2493, 57.0443,
71.1787

■ 50.4722, 64.6867,
81.5623

Harmonies

Analogous

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



17.5390, 16.3352, 18.6983



17.4284, 16.3352, 15.8701



16.7963, 16.3352, 13.7875

Triad

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



17.4284, 16.3352, 15.8701



14.0586, 16.3352, 14.4734



15.2151, 16.3352, 23.9119

Complementary

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



17.4284, 16.3352, 15.8701



18.5648, 21.5321, 25.3681

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.



14.3216, 16.3352, 22.4919



17.4284, 16.3352, 15.8701



13.6734, 16.3352, 16.9044

Square

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



17.4284, 16.3352, 15.8701



14.8418, 16.3352, 13.0444



13.7676, 16.3352, 19.8508



16.2312, 16.3352, 23.5571

Rectangle

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



17.4284, 16.3352, 15.8701



16.1789, 16.3352, 13.0014



13.7676, 16.3352, 19.8508



14.8911, 16.3352, 23.6210

Sweetspot

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



17.4288, 16.3359, 15.8704



37.0293, 37.7674, 39.9866



19.0607, 16.9883, 24.4649



8.2890, 8.4306, 8.9026



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.



17.4288, 16.3359, 15.8704



29.6948, 27.0350, 25.4056



18.9310, 19.3403, 16.3712



4.6726, 4.6888, 4.8881



9.2137, 4.7500, 0.4312



0.0319, 0.0165, 0.0015

Inverse Universe

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



18.5648, 21.5321, 25.3681



32.0832, 37.9601, 45.3745



16.8342, 18.0708, 24.7912



4.8016, 5.2788, 5.9666



12.0203, 17.5884, 23.8981



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 17.4284, 16.3352, 15.8701 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 17.4284, 16.3352, 15.8701 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 17.4284, 16.3352, 15.8701

Background



This preview shows how black text looks on a background with the XYZ color 17.4284, 16.3352, 15.8701.

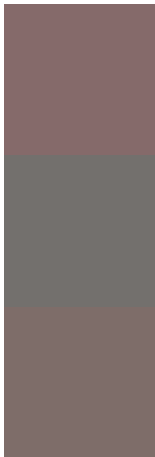


This preview shows how white text looks on a background with the XYZ color 17.4284, 16.3352,

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

17.4284, 16.3352, 15.8701

Protanopia

15.6247, 16.3373, 16.7979

Deuteranopia

16.6226, 16.3928, 15.6526



Tritanopia

17.8637, 16.3637, 17.8398

Trichromacy



Original Color

17.4284, 16.3352, 15.8701

Protanomaly

16.3087, 16.3721, 16.4879

Deuteranomaly

16.9656, 16.4122, 15.6383

Tritanomaly

17.6976, 16.2973, 16.9648

Monochromacy



Original Color

17.4284, 16.3352, 15.8701

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4388, 16.5815, 17.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4284, 16.3352, 15.8701 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, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 106)  
}
```

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, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.4284, 16.3352, 15.8701 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, 106, 106) }
```


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

```
.border{ border-color:rgb(133, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4284, 16.3352, 15.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 106) }
```

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

```
.background{ background-color: rgb(133,  
106, 106) }
```

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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