

Converting Colors

XYZ(17.2291, 16.1160, 16.3390)

Have a look what the booklet for
XYZ(17.2291, 16.1160, 16.3390)
contains.

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Color

**XYZ(17.2741, 16.0914,
16.3829)**

Conversions

Conversions Part 1

Format	Color
Hex	84696C
RGB	132, 105, 108
RGB Percent	52%, 41%, 42%
CMY	0.4824, 0.5882, 0.5765
CMYK	0.00, 0.20, 0.18, 0.48
HSL	353°, 11%, 46%
HSV	353°, 20%, 52%
XYZ	17.2741, 16.0914, 16.3829
YIQ	113.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

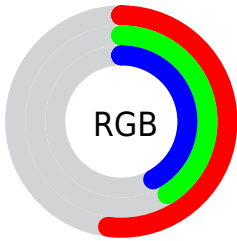
Format	Color
R_{YB}	132, 105, 108
Decimal	8677740
CIE _{Lab}	47.09, 11.26, 2.41
CIE _{LCh}	47, 11.516, 12.069
Yxy	16.0914, 0.3472, 0.3235
Android (android.graphics.Color)	4286867820 (0xFF84696C)
YUV	113.4150, -2.6696, 16.2990
Hunter-Lab	40.1141, 6.6668, 3.8654

Details

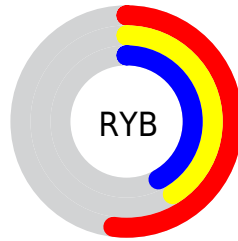
The XYZ color **17.2741, 16.0914, 16.3829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0401, 21.0912, 23.8901**, and the grayscale version is **15.8243, 16.6484, 18.1301**.

A 20% lighter version of the original color is **38.1541, 36.5944, 37.8534**, and **5.8350, 5.1569, 5.1027** is the 20% darker color. If you saturate the color by 10%, you get **15.4496, 13.3753, 12.8982**, and if you desaturate by 10%, it is **19.3923, 19.2600, 20.3807**.

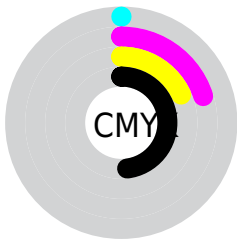
Distribution



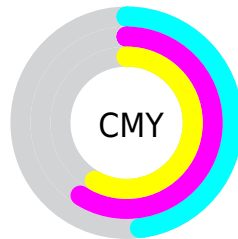
- Red (52%)
- Green (41%)
- Blue (42%)



- Red (52%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2741, 16.0914, 16.3829 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 17.2741, 16.0914, 16.3829 by changing the saturation by 10% instead.

■ 17.2741, 16.0914,
16.3829

■ 17.2741, 16.0914,
16.3829

229.8726,
229.8804, 243.5130

■ 10.5266, 9.5889,
9.6382

■ 38.3363, 36.7568,
38.0377

■ 5.8144, 5.1272,
5.0573

■ 53.3818, 51.6885,
53.7848

■ 2.7722, 2.3221,
2.2216

■ 71.9239, 70.1986,
73.3699

■ 1.0344, 0.7854,
0.6868

■ 94.3281, 92.6716,
97.2115

■ 0.0000, 0.0000,
0.0000

120.9597,
119.4919, 125.7280

152.1841,

151.0439, 159.3381

188.3666,
187.7119, 198.4602

■ 17.2741, 16.0914,
16.3829

■ 17.2741, 16.0914,
16.3829

■ 15.4496, 13.3753,
12.8982

■ 19.3923, 19.2600,
20.3807

■ 13.9044, 11.0889,
9.9047

■ 21.8151, 22.8982,
24.9100

■ 12.6252, 9.2110,
7.3807

■ 24.5541, 27.0248,
29.9899

■ 11.5969, 7.7173,
5.3022

■ 27.6204, 31.6568,
35.6379

■ 10.8028, 6.5814,
3.6432

■ 31.0242, 36.8107,
41.8709

■ 10.2242, 5.7730,
2.3750

■ 34.7755, 42.5020,
48.7051

■ 9.8396, 5.2573,
1.4653

■ 38.8836, 48.7456,
56.1559

■ 9.5996, 4.9391,
0.8866

■ 43.3578, 55.5559,
64.2384

■ 48.2067, 62.9467,
72.9670

Harmonies

Analogous

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



17.2184, 16.0914, 19.2903



17.2741, 16.0914, 16.3829



16.7825, 16.0914, 14.0507

Triad

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



17.2741, 16.0914, 16.3829



14.0292, 16.0914, 13.7063



14.7040, 16.0914, 23.3660

Complementary

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



17.2741, 16.0914, 16.3829



18.0401, 21.0912, 23.8901

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.



13.8970, 16.0914, 21.5197



17.2741, 16.0914, 16.3829



13.5193, 16.0914, 15.8630

Square

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



17.2741, 16.0914, 16.3829



14.8917, 16.0914, 12.6233



13.4720, 16.0914, 18.7102



15.7042, 16.0914, 23.5448

Rectangle

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



17.2741, 16.0914, 16.3829



16.2226, 16.0914, 13.0501



13.4720, 16.0914, 18.7102



14.4023, 16.0914, 22.9111

Sweetspot

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



17.2745, 16.0921, 16.3832



35.9351, 36.5902, 39.2287



18.2474, 16.4252, 24.0387



8.3143, 8.4407, 9.0357



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.



17.2745, 16.0921, 16.3832



28.7244, 25.8055, 25.6139



18.2368, 18.2675, 15.9303



4.6921, 4.6965, 4.9907



9.2959, 4.7827, 0.8645



0.0335, 0.0171, 0.0097

Inverse Universe

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



17.2745, 16.0921, 16.3832



28.7244, 25.8055, 25.6139



16.9078, 18.5031, 24.5103



4.6921, 4.6965, 4.9907



9.2959, 4.7827, 0.8645



0.0335, 0.0171, 0.0097

Previews

White Background



This preview shows how the XYZ color 17.2741, 16.0914, 16.3829 looks on a white background.

Color Contrast Check

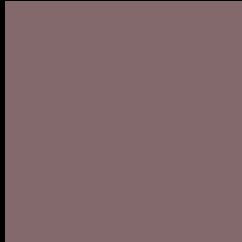
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2741, 16.0914, 16.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

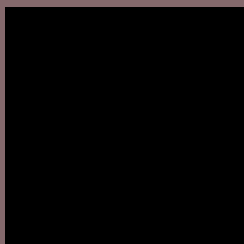
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2741, 16.0914, 16.3829

Background



This preview shows how black text looks on a background with the XYZ color 17.2741, 16.0914, 16.3829.



This preview shows how white text looks on a background with the XYZ color 17.2741, 16.0914,

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

17.2741, 16.0914, 16.3829

Protanopia

15.5485, 16.1161, 17.6205

Deuteranopia

16.3286, 16.0717, 16.1515



Tritanopia

17.5478, 16.0570, 17.5037

Trichromacy



Original Color

17.2741, 16.0914, 16.3829

Protanomaly

16.2230, 16.1499, 17.3011

Deuteranomaly

16.6639, 16.0890, 16.1371

Tritanomaly

17.4924, 16.0349, 17.2120

Monochromacy



Original Color

17.2741, 16.0914, 16.3829

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1909, 16.2926, 17.3304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2741, 16.0914, 16.3829 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(132, 105, 108)` looks like.

```
.text, #text, p{  
    color:rgb(132, 105, 108)  
}
```

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(132, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 105, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.2741, 16.0914, 16.3829 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(132, 105, 108) }
```


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

```
.border{ border-color:rgb(132, 105, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 105, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 105, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 105, 108);  
box-shadow:4px 4px 4px 4px rgb(132, 105,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2741, 16.0914, 16.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 105, 108) }
```

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

```
.background{ background-color: rgb(132,  
105, 108) }
```

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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