

Converting Colors

XYZ(17.1196, 14.6911, 17.2639)

Have a look what the booklet for
XYZ(17.1196, 14.6911, 17.2639)
contains.

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Color

**XYZ(17.0992, 14.6865,
17.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	876070
RGB	135, 96, 112
RGB Percent	53%, 38%, 44%
CMY	0.4706, 0.6235, 0.5608
CMYK	0.00, 0.29, 0.17, 0.47
HSL	335°, 17%, 45%
HSV	335°, 29%, 53%
XYZ	17.0992, 14.6865, 17.2628
YIQ	109.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

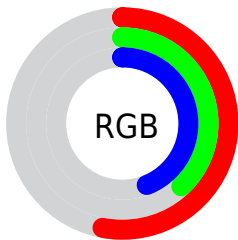
Format	Color
R_{YB}	135, 96, 112
Decimal	8872048
CIE _{Lab}	45.20, 18.46, -2.73
CIE _{LCh}	45, 18.659, 351.599
Yxy	14.6865, 0.3486, 0.2994
Android (android.graphics.Color)	4287062128 (0xFF876070)
YUV	109.4850, 1.2399, 22.3767
Hunter-Lab	38.3230, 12.5791, 0.1186

Details

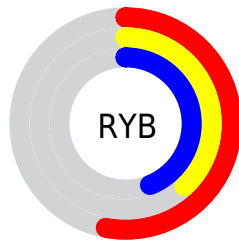
The XYZ color **17.0992, 14.6865, 17.2628** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8183, 21.1471, 20.6492**, and the grayscale version is **14.6671, 15.4309, 16.8042**.

A 20% lighter version of the original color is **38.1208, 34.3666, 39.7462**, and **5.6799, 4.4516, 5.4104** is the 20% darker color. If you saturate the color by 10%, you get **15.5478, 12.2620, 14.6543**, and if you desaturate by 10%, it is **18.9022, 17.5511, 20.1489**.

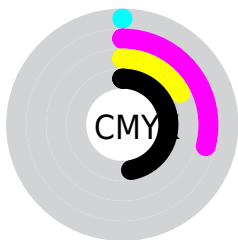
Distribution



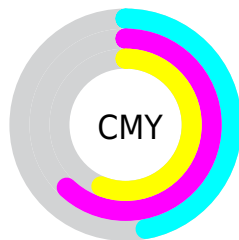
- Red (53%)
- Green (38%)
- Blue (44%)



- Red (53%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (17%)
- Black (47%)





- Cyan (47%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0992, 14.6865, 17.2628 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 17.0992, 14.6865, 17.2628 by changing the saturation by 10% instead.


 17.0992, 14.6865,
17.2628


 17.0992, 14.6865,
17.2628


228.8885,
221.4608, 248.7773


 10.4010, 8.5997,
10.2581


 38.0385, 34.3023,
39.5739


 5.7299, 4.4810,
5.4626

 53.0103, 48.6000,
55.7174

 2.7207, 1.9461,
2.4577

 71.4707, 66.4034,
75.7442

 1.0078, 0.5759,
0.8176

 93.7850, 88.0970,
100.0729

 0.0000, 0.0000,
0.0000

120.3185,
114.0652, 129.1220

151.4367,

144.6922, 163.3101

187.5049,
180.3626, 203.0557

■ 17.0992, 14.6865,
17.2628

■ 17.0992, 14.6865,
17.2628

■ 15.5478, 12.2620,
14.6543

■ 18.9022, 17.5511,
20.1489

■ 14.2349, 10.2535,
12.3137

■ 20.9665, 20.8743,
23.3203

■ 13.1482, 8.6379,
10.2317

■ 23.3029, 24.6758,
26.7852

■ 12.2734, 7.3885,
8.3982

■ 25.9212, 28.9738,
30.5514

■ 11.5950, 6.4759,
6.8023

■ 28.8306, 33.7854,
34.6265

■ 11.0946, 5.8654,
5.4320

■ 32.0400, 39.1268,
39.0174

■ 10.7284, 5.4717,
4.2663

■ 35.5578, 45.0138,
43.7311

■ 10.6905, 5.4304,
4.1470

■ 39.3921, 51.4611,
48.7744

■ 43.5508, 58.4833,
54.1536

Harmonies

Analogous

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



16.4115, 14.6865, 21.8605



17.0992, 14.6865, 17.2628



16.8983, 14.6865, 13.0672

Triad

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



17.0992, 14.6865, 17.2628



12.8969, 14.6865, 9.3293



12.1988, 14.6865, 23.6031

Complementary

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



17.0992, 14.6865, 17.2628



16.8183, 21.1471, 20.6492

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.



11.3821, 14.6865, 19.3215



17.0992, 14.6865, 17.2628



11.7640, 14.6865, 11.2793

Square

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



17.0992, 14.6865, 17.2628



14.3963, 14.6865, 8.9814



11.2290, 14.6865, 14.7834



13.5308, 14.6865, 25.9369

Rectangle

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



17.0992, 14.6865, 17.2628



16.2934, 14.6865, 10.9943



11.2290, 14.6865, 14.7834



11.8591, 14.6865, 22.3103

Sweetspot

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



17.0996, 14.6872, 17.2631



37.4229, 37.1812, 41.5750



16.1301, 14.0200, 24.7779



8.5503, 8.4225, 9.4520



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.0996, 14.6872, 17.2631



28.6584, 23.2245, 27.6403



16.5891, 14.9673, 13.0818



4.7459, 4.7180, 5.2742



9.8643, 5.0100, 3.8575



0.0377, 0.0187, 0.0317

Inverse Universe

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



17.0996, 14.6872, 17.2631



28.6584, 23.2245, 27.6403



17.4150, 20.6713, 25.9940



4.7459, 4.7180, 5.2742



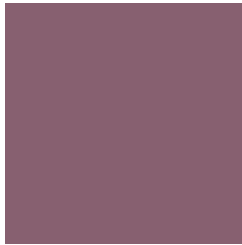
9.8643, 5.0100, 3.8575



0.0377, 0.0187, 0.0317

Previews

White Background



This preview shows how the XYZ color 17.0992, 14.6865, 17.2628 looks on a white background.

Color Contrast Check

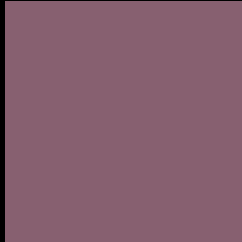
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0992, 14.6865, 17.2628 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 17.0992, 14.6865, 17.2628

Background



This preview shows how black text looks on a background with the XYZ color 17.0992, 14.6865, 17.2628.



This preview shows how white text looks on a background with the XYZ color 17.0992, 14.6865,

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

17.0992, 14.6865, 17.2628

Protanopia

14.4716, 14.8876, 19.2504

Deuteranopia

15.0220, 14.7613, 17.0964



Tritanopia

16.6560, 14.6376, 15.3121

Trichromacy



Original Color

17.0992, 14.6865, 17.2628

Protanomaly

15.3388, 14.7434, 18.5603

Deuteranomaly

15.6913, 14.6660, 17.0427

Tritanomaly

16.8130, 14.7004, 16.1387

Monochromacy



Original Color

17.0992, 14.6865, 17.2628

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2360, 14.8780, 16.8206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0992, 14.6865, 17.2628 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(135, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 96, 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(135, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 96, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.0992, 14.6865, 17.2628 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(135, 96, 112) }
```


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

```
.border{ border-color:rgb(135, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(135, 96,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0992, 14.6865, 17.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 96, 112) }
```

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

```
.background{ background-color: rgb(135, 96,  
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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