

Converting Colors

XYZ(17.3078, 18.7908, 15.2713)

Have a look what the booklet for
XYZ(17.3078, 18.7908, 15.2713)
contains.

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Color

**XYZ(17.2617, 18.7716,
15.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7966
RGB	122, 121, 102
RGB Percent	48%, 47%, 40%
CMY	0.5216, 0.5255, 0.6000
CMYK	0.00, 0.01, 0.16, 0.52
HSL	57°, 9%, 44%
HSV	57°, 16%, 48%
XYZ	17.2617, 18.7716, 15.2839
YIQ	119.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

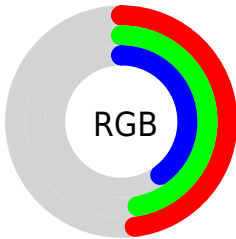
Format	Color
R_{YB}	103, 122, 102
Decimal	8026470
CIE Lab	50.42, -3.14, 10.57
CIE LCh	50, 11.030, 106.525
Yxy	18.7716, 0.3364, 0.3658
Android (android.graphics.Color)	4286216550 (0xFF7A7966)
YUV	119.1330, -8.4466, 2.5144
Hunter-Lab	43.3262, -4.7042, 9.4130

Details

The XYZ color **17.2617, 18.7716, 15.2839** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8426, 13.9303, 20.3718**, and the grayscale version is **17.6015, 18.5182, 20.1663**.

A 20% lighter version of the original color is **38.3725, 41.3010, 36.0864**, and **5.8198, 6.4574, 4.5541** is the 20% darker color. If you saturate the color by 10%, you get **16.6271, 18.4004, 12.3038**, and if you desaturate by 10%, it is **17.9868, 19.1810, 18.7340**.

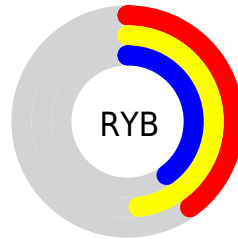
Distribution



Red (48%)

Green (47%)

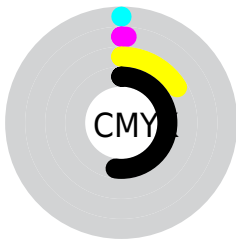
Blue (40%)



Red (40%)

Yellow (48%)

Blue (40%)

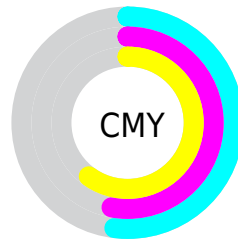


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2617, 18.7716, 15.2839 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 17.2617, 18.7716, 15.2839 by changing the saturation by 10% instead.

■ 17.2617, 18.7716,
15.2839

■ 17.2617, 18.7716,
15.2839

229.8030,
245.1850, 236.7779

■ 10.5177, 11.5054,
8.8700

■ 38.3152, 41.3478,
36.0998

■ 5.8084, 6.4078,
4.5609

■ 53.3554, 57.4265,
51.3389

■ 2.7685, 3.0946,
1.9378

■ 71.8918, 77.2116,
70.3568

■ 1.0326, 1.1813,
0.5166

■ 94.2896, 101.0873,
93.5721

■ 0.0000, 0.0464,
0.0000

120.9143,
129.4381, 121.4034

■ 0.0000, 0.0000,
0.0000

152.1312,

162.6484, 154.2690

188.3056,
201.1025, 192.5877

■ 17.2617, 18.7716,
15.2839

■ 17.2617, 18.7716,
15.2839

■ 16.6271, 18.4004,
12.3038

■ 17.9868, 19.1810,
18.7340

■ 16.0778, 18.0635,
9.7722

■ 18.8046, 19.6276,
22.6721

■ 15.6099, 17.7598,
7.6674

■ 19.7190, 20.1135,
27.1167

■ 15.2190, 17.4877,
5.9658

■ 20.7333, 20.6402,
32.0849

■ 14.9001, 17.2452,
4.6412

■ 21.8505, 21.2088,
37.5931

■ 14.6478, 17.0300,
3.6646

■ 23.0738, 21.8206,
43.6570

■ 14.4556, 16.8396,
3.0026

■ 24.4058, 22.4767,
50.2916

■ 14.3111, 16.6690,
2.5895

■ 25.8494, 23.1781,
57.5112

■ 14.2617, 16.6088,
2.4541

■ 27.4072, 23.9259,
65.3300

Harmonies

Analogous

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



18.3267, 18.7716, 15.2170



17.2617, 18.7716, 15.2839



16.3868, 18.7716, 16.6390

Triad

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



17.2617, 18.7716, 15.2839



16.4603, 18.7716, 25.0313



19.9233, 18.7716, 21.8464

Complementary

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



17.2617, 18.7716, 15.2839



13.8426, 13.9303, 20.3718

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.



19.3805, 18.7716, 24.7777



17.2617, 18.7716, 15.2839



17.3656, 18.7716, 26.7371

Square

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



17.2617, 18.7716, 15.2839



15.9370, 18.7716, 22.1653



18.4348, 18.7716, 26.6399



19.8927, 18.7716, 18.8049

Rectangle

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



17.2617, 18.7716, 15.2839



16.0164, 18.7716, 18.1756



18.4348, 18.7716, 26.6399



19.8009, 18.7716, 22.8831

Sweetspot

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



17.2622, 18.7724, 15.2843



31.8177, 33.8410, 33.7915



15.2259, 14.6199, 14.8517



7.2576, 7.7281, 7.6421



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.2622, 18.7724, 15.2843



29.8935, 32.7508, 24.6474



16.1681, 18.3893, 15.2680



4.2914, 4.6013, 4.2865



15.0133, 17.4826, 2.5832



71.4260, 83.0154, 12.2590

Inverse Universe

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



13.8426, 13.9303, 20.3718



22.5820, 22.3976, 35.5259



14.8200, 14.2877, 20.3893



3.8122, 3.9227, 4.9994



3.7661, 1.6147, 19.4985



17.7809, 7.3344, 92.9483

Previews

White Background



This preview shows how the XYZ color 17.2617, 18.7716, 15.2839 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2617, 18.7716, 15.2839 looks on a black 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

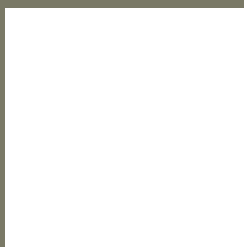
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2617, 18.7716, 15.2839

Background



This preview shows how black text looks on a background with the XYZ color 17.2617, 18.7716, 15.2839.



This preview shows how white text looks on a background with the XYZ color 17.2617, 18.7716,

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

17.2617, 18.7716, 15.2839

Protanopia

17.6696, 18.8081, 15.0110

Deuteranopia

19.0601, 18.6440, 15.4260



Tritanopia

18.7666, 18.8491, 22.7278

Trichromacy



Original Color

17.2617, 18.7716, 15.2839

Protanomaly

17.5229, 18.7325, 15.0041

Deuteranomaly

18.3252, 18.6074, 15.4577

Tritanomaly

18.1790, 18.7867, 19.8076

Monochromacy



Original Color

17.2617, 18.7716, 15.2839

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4428, 18.6183, 18.2971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2617, 18.7716, 15.2839 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(122, 121, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 102)  
}
```

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(122, 121, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.2617, 18.7716, 15.2839 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(122, 121, 102) }
```


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

```
.border{ border-color:rgb(122, 121, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2617, 18.7716, 15.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 102) }
```

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

```
.background{ background-color: rgb(122,  
121, 102) }
```

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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