

Converting Colors

XYZ(17.3739, 15.8603, 18.5814)

Have a look what the booklet for
XYZ(17.3739, 15.8603, 18.5814)
contains.

XYZ(17.3627, 15.7867, 18.6550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.3627, 15.7867,
18.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	836774
RGB	131, 103, 116
RGB Percent	51%, 40%, 45%
CMY	0.4863, 0.5961, 0.5451
CMYK	0.00, 0.21, 0.11, 0.49
HSL	332°, 12%, 46%
HSV	332°, 21%, 51%
XYZ	17.3627, 15.7867, 18.6550
YIQ	112.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

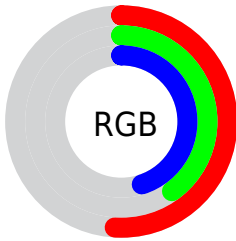
Format	Color
R_{YB}	131, 103, 116
Decimal	8611700
CIE _{Lab}	46.69, 13.47, -2.99
CIE _{LCh}	47, 13.800, 347.489
Yxy	15.7867, 0.3352, 0.3047
Android (android.graphics.Color)	4286801780 (0xFF836774)
YUV	112.8540, 1.5510, 15.9140
Hunter-Lab	39.7325, 8.4709, -0.0248

Details

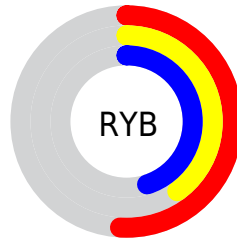
The XYZ color **17.3627, 15.7867, 18.6550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9805, 20.4246, 20.1879**, and the grayscale version is **15.6461, 16.4609, 17.9259**.

A 20% lighter version of the original color is **38.3906, 36.1287, 41.9959**, and **5.8509, 4.9950, 6.1246** is the 20% darker color. If you saturate the color by 10%, you get **15.7675, 13.2251, 16.1846**, and if you desaturate by 10%, it is **19.1938, 18.7704, 21.3566**.

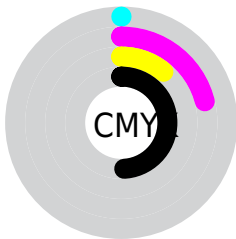
Distribution



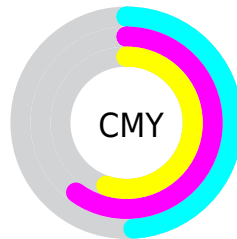
- Red (51%)
- Green (40%)
- Blue (45%)



- Red (51%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3627, 15.7867, 18.6550 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 17.3627, 15.7867, 18.6550 by changing the saturation by 10% instead.

■ 17.3627, 15.7867,
18.6550

■ 17.3627, 15.7867,
18.6550

230.3696,
228.0798, 256.8964

■ 10.5903, 9.3733,
11.2470

■ 38.4870, 36.2275,
41.9792

■ 5.8573, 4.9855,
6.1169

■ 53.5696, 51.0237,
58.7325

■ 2.7984, 2.2388,
2.8464

■ 72.1531, 69.3831,
79.4379

■ 1.0480, 0.7410,
1.0167

■ 94.6026, 91.6899,
104.5141

■ 0.0000, 0.0000,
0.0000

121.2837,
118.3286, 134.3794

152.5617,

149.6835, 169.4526

188.8019,
186.1391, 210.1521

■ 17.3627, 15.7867,
18.6550

■ 17.3627, 15.7867,
18.6550

■ 15.7675, 13.2251,
16.1846

■ 19.1938, 18.7704,
21.3566

■ 14.3968, 11.0641,
13.9377

■ 21.2690, 22.1921,
24.2949

■ 13.2399, 9.2839,
11.9076

■ 23.5977, 26.0695,
27.4762

■ 12.2851, 7.8618,
10.0866

■ 26.1885, 30.4184,
30.9065

■ 11.5193, 6.7727,
8.4667

■ 29.0494, 35.2542,
34.5915

■ 10.9275, 5.9883,
7.0390

■ 32.1882, 40.5915,
38.5366

■ 10.4926, 5.4754,
5.7938

■ 35.6123, 46.4442,
42.7471

■ 10.1975, 5.1603,
4.8475

■ 39.3289, 52.8256,
47.2281

■ 43.3448, 59.7488,
51.9847

Harmonies

Analogous

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



16.7639, 15.7867, 22.0325



17.3627, 15.7867, 18.6550



17.3058, 15.7867, 15.2855

Triad

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



17.3627, 15.7867, 18.6550



14.3245, 15.7867, 11.6434



13.5044, 15.7867, 22.5131

Complementary

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



17.3627, 15.7867, 18.6550



16.9805, 20.4246, 20.1879

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.



12.9173, 15.7867, 19.2444



17.3627, 15.7867, 18.6550



13.3732, 15.7867, 13.1131

Square

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



17.3627, 15.7867, 18.6550



15.5083, 15.7867, 11.5297



12.8706, 15.7867, 15.8020



14.5123, 15.7867, 24.4505

Rectangle

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



17.3627, 15.7867, 18.6550



16.9037, 15.7867, 13.4855



12.8706, 15.7867, 15.8020



13.2537, 15.7867, 21.5152

Sweetspot

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



17.3632, 15.7874, 18.6553



36.2610, 36.7206, 40.9450



16.4097, 15.1868, 23.5395



8.3963, 8.4735, 9.4677



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.



17.3632, 15.7874, 18.6553



29.5482, 25.7809, 31.0436



16.7524, 15.6925, 14.9787



4.7558, 4.7220, 5.3266



10.0391, 5.0800, 4.7785



0.0384, 0.0190, 0.0356

Inverse Universe

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



17.3632, 15.7874, 18.6553



29.5482, 25.7809, 31.0436



17.6823, 20.5057, 24.4990



4.7558, 4.7220, 5.3266



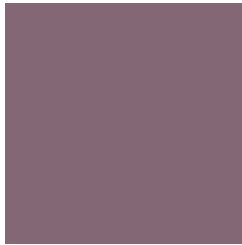
10.0391, 5.0800, 4.7785



0.0384, 0.0190, 0.0356

Previews

White Background



This preview shows how the XYZ color 17.3627, 15.7867, 18.6550 looks on a white background.

Color Contrast Check

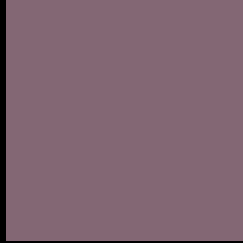
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3627, 15.7867, 18.6550 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 17.3627, 15.7867, 18.6550

Background



This preview shows how black text looks on a background with the XYZ color 17.3627, 15.7867, 18.6550.



This preview shows how white text looks on a background with the XYZ color 17.3627, 15.7867,

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

17.3627, 15.7867, 18.6550

Protanopia

15.3965, 15.8229, 20.0119

Deuteranopia

16.2028, 15.9560, 18.4455



Tritanopia

17.0809, 15.8163, 17.4818

Trichromacy



Original Color

17.3627, 15.7867, 18.6550

Protanomaly

16.0587, 15.6989, 19.6366

Deuteranomaly

16.5607, 15.8310, 18.4025

Tritanomaly

17.1369, 15.8387, 17.7767

Monochromacy



Original Color

17.3627, 15.7867, 18.6550

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2516, 16.1453, 18.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3627, 15.7867, 18.6550 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(131, 103, 116)` looks like.

```
.text, #text, p{  
    color:rgb(131, 103, 116)  
}
```

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(131, 103, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 103, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.3627, 15.7867, 18.6550 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(131, 103, 116) }
```


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

```
.border{ border-color:rgb(131, 103, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 103, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 103, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 103, 116);  
box-shadow:4px 4px 4px 4px rgb(131, 103,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3627, 15.7867, 18.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 103, 116) }
```

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

```
.background{ background-color: rgb(131,  
103, 116) }
```

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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