

Converting Colors

XYZ(17.1165, 16.4909, 15.6486)

Have a look what the booklet for
XYZ(17.1165, 16.4909, 15.6486)
contains.

XYZ(17.1183, 16.4909, 15.6454)	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(17.1183, 16.4909,
15.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	826C69
RGB	130, 108, 105
RGB Percent	51%, 42%, 41%
CMY	0.4902, 0.5765, 0.5882
CMYK	0.00, 0.17, 0.19, 0.49
HSL	7°, 11%, 46%
HSV	7°, 19%, 51%
XYZ	17.1183, 16.4909, 15.6454
YIQ	114.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

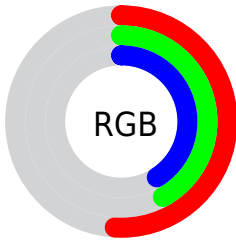
Format	Color
R_{YB}	130, 108, 105
Decimal	8547433
CIE _{Lab}	47.61, 8.18, 4.92
CIE _{LCh}	48, 9.542, 31.049
Yxy	16.4909, 0.3475, 0.3348
Android (android.graphics.Color)	4286737513 (0xFF826C69)
YUV	114.2360, -4.5533, 13.8250
Hunter-Lab	40.6090, 4.1791, 5.5837

Details

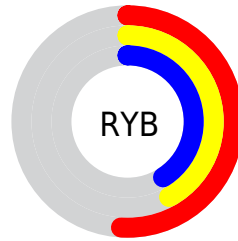
The XYZ color **17.1183, 16.4909, 15.6454** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4442, 19.7932, 24.0203**, and the grayscale version is **16.0758, 16.9129, 18.4182**.

A 20% lighter version of the original color is **37.9273, 37.2639, 36.6461**, and **5.7407, 5.3484, 4.7328** is the 20% darker color. If you saturate the color by 10%, you get **15.3724, 13.9878, 12.0151**, and if you desaturate by 10%, it is **19.1256, 19.3530, 19.8673**.

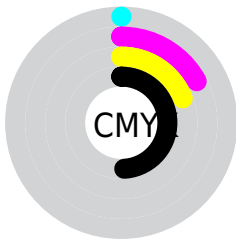
Distribution



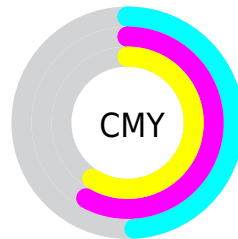
- Red (51%)
- Green (42%)
- Blue (41%)



- Red (51%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1183, 16.4909, 15.6454 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 17.1183, 16.4909, 15.6454 by changing the saturation by 10% instead.

■ 17.1183, 16.4909,
15.6454

■ 17.1183, 16.4909,
15.6454

228.9962,
232.2212, 239.0139

■ 10.4147, 9.8722,
9.1220

■ 38.0710, 37.4484,
36.7397

■ 5.7391, 5.3143,
4.7229

■ 53.0509, 52.5559,
52.1476

■ 2.7263, 2.4328,
2.0297

■ 71.5202, 71.2618,
71.3541

■ 1.0107, 0.8427,
0.5735

■ 93.8443, 93.9505,
94.7777

■ 0.0000, 0.0000,
0.0000

120.3887,
121.0065, 122.8369

151.5185,

152.8139, 155.9503

187.5992,
189.7574, 194.5365

■ 17.1183, 16.4909,
15.6454

■ 17.1183, 16.4909,
15.6454

■ 15.3724, 13.9878,
12.0151

■ 19.1256, 19.3530,
19.8673

■ 13.8757, 11.8273,
8.9488

■ 21.4031, 22.5851,
24.7043

■ 12.6173, 9.9952,
6.4186

■ 23.9607, 26.2006,
30.1803

■ 11.5848, 8.4753,
4.3935

■ 26.8075, 30.2116,
36.3172

■ 10.7646, 7.2502,
2.8396

■ 29.9524, 34.6294,
43.1362

■ 10.1416, 6.3006,
1.7185

■ 33.4035, 39.4651,
50.6573

■ 9.6989, 5.6049,
0.9861

■ 37.1689, 44.7294,
58.8998

■ 9.4042, 5.1335,
0.5239

■ 41.2562, 50.4324,
67.8823

■ 9.3856, 5.1051,
0.4907

■ 45.6730, 56.5840,
77.6226

Harmonies

Analogous

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



17.3679, 16.4909, 17.8701



17.1183, 16.4909, 15.6454



16.4797, 16.4909, 14.1591

Triad

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



17.1183, 16.4909, 15.6454



14.2853, 16.4909, 15.7814



15.7041, 16.4909, 23.0611

Complementary

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



17.1183, 16.4909, 15.6454



17.4442, 19.7932, 24.0203

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.



14.8952, 16.4909, 22.3769



17.1183, 16.4909, 15.6454



14.0942, 16.4909, 18.0417

Square

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



17.1183, 16.4909, 15.6454



14.8451, 16.4909, 14.2325



14.3135, 16.4909, 20.4831



16.5334, 16.4909, 22.2777

Rectangle

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



17.1183, 16.4909, 15.6454



15.9301, 16.4909, 13.7127



14.3135, 16.4909, 20.4831



15.4209, 16.4909, 22.9946

Sweetspot

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



17.1188, 16.4916, 15.6457



34.8710, 35.7726, 37.5059



18.0939, 16.3836, 22.3160



7.8477, 8.0327, 8.3935



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

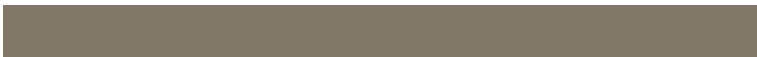
The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.1188, 16.4916, 15.6457



28.7726, 27.0753, 24.6850



18.5226, 19.2993, 16.1137



4.3662, 4.4211, 4.5434



9.0024, 4.9011, 0.4715



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4442, 19.7932, 24.0203



29.4522, 33.9779, 42.1986



15.9385, 16.7818, 23.5184



4.4038, 4.8015, 5.5080



9.6782, 13.1748, 22.2828



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1183, 16.4909, 15.6454 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 17.1183, 16.4909, 15.6454 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 17.1183, 16.4909, 15.6454

Background



This preview shows how black text looks on a background with the XYZ color 17.1183, 16.4909, 15.6454.



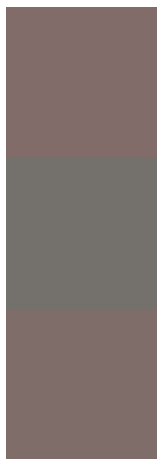
This preview shows how white text looks on a background with the XYZ color 17.1183, 16.4909,

15.6454.

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

17.1183, 16.4909, 15.6454

Protanopia

15.8144, 16.6060, 16.5591

Deuteranopia

16.7708, 16.4692, 15.6596



Tritanopia

17.7123, 16.5785, 18.4861

Trichromacy



Original Color

17.1183, 16.4909, 15.6454

Protanomaly

16.2234, 16.4954, 16.2388

Deuteranomaly

16.9205, 16.5464, 15.6666

Tritanomaly

17.4870, 16.4884, 17.2998

Monochromacy



Original Color

17.1183, 16.4909, 15.6454

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4091, 16.7291, 17.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1183, 16.4909, 15.6454 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(130, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(130, 108, 105)  
}
```

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(130, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 108, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.1183, 16.4909, 15.6454 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(130, 108, 105) }
```


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

```
.border{ border-color:rgb(130, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(130, 108,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1183, 16.4909, 15.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 108, 105) }
```

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

```
.background{ background-color: rgb(130,  
108, 105) }
```

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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