

Converting Colors

XYZ(17.1143, 18.3914, 15.2446)

Have a look what the booklet for
XYZ(17.1143, 18.3914, 15.2446)
contains.

XYZ(17.0211, 18.2905, 15.2037)	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(17.0211, 18.2905,
15.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7766
RGB	122, 119, 102
RGB Percent	48%, 47%, 40%
CMY	0.5216, 0.5333, 0.6000
CMYK	0.00, 0.02, 0.16, 0.52
HSL	51°, 9%, 44%
HSV	51°, 16%, 48%
XYZ	17.0211, 18.2905, 15.2037
YIQ	117.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

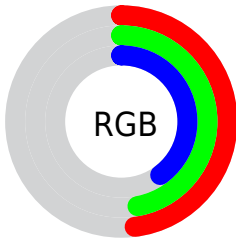
Format	Color
R_{YB}	106, 122, 102
Decimal	8025958
CIE Lab	49.85, -1.99, 9.77
CIE LCh	50, 9.970, 101.525
Yxy	18.2905, 0.3369, 0.3621
Android (android.graphics.Color)	4286216038 (0xFF7A7766)
YUV	117.9590, -7.8678, 3.5440
Hunter-Lab	42.7674, -3.8013, 8.8597

Details

The XYZ color **17.0211, 18.2905, 15.2037** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0439, 14.3328, 20.4387**, and the grayscale version is **17.2297, 18.1270, 19.7403**.

A 20% lighter version of the original color is **37.9919, 40.5397, 35.9595**, and **5.6905, 6.1988, 4.5110** is the 20% darker color. If you saturate the color by 10%, you get **16.2447, 17.6357, 12.1764**, and if you desaturate by 10%, it is **17.8917, 18.9909, 18.7023**.

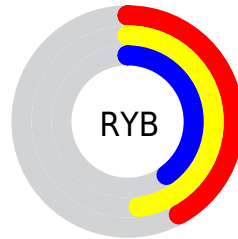
Distribution



Red (48%)

Green (47%)

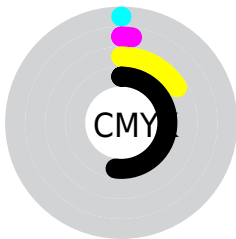
Blue (40%)



Red (42%)

Yellow (48%)

Blue (40%)

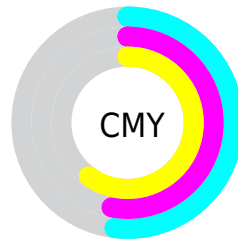


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0211, 18.2905, 15.2037 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 17.0211, 18.2905, 15.2037 by changing the saturation by 10% instead.

■ 17.0211, 18.2905,
15.2037

■ 17.0211, 18.2905,
15.2037

228.4478,
242.5034, 236.2790

■ 10.3449, 11.1588,
8.8143

■ 37.9054, 40.5317,
35.9575

■ 5.6923, 6.1737,
4.5251

■ 52.8442, 56.4100,
51.1589

■ 2.6977, 2.9510,
1.9176

■ 71.2679, 75.9725,
70.1347

■ 0.9960, 1.1062,
0.5039

■ 93.5419, 99.6037,
93.3035

■ 0.0000, 0.0000,
0.0000

120.0315,
127.6880, 121.0838

151.1022,

160.6098, 153.8941

187.1191,
198.7535, 192.1530

■ 17.0211, 18.2905,
15.2037

■ 17.0211, 18.2905,
15.2037

■ 16.2447, 17.6357,
12.1764

■ 17.8917, 18.9909,
18.7023

■ 15.5573, 17.0226,
9.5987

■ 18.8587, 19.7360,
22.6901

■ 14.9550, 16.4501,
7.4491

■ 19.9261, 20.5280,
27.1856

■ 14.4333, 15.9165,
5.7039

■ 21.0972, 21.3683,
32.2061

■ 13.9873, 15.4197,
4.3370

■ 22.3751, 22.2581,
37.7678

■ 13.6114, 14.9574,
3.3192

■ 23.7628, 23.1987,
43.8865

■ 13.2993, 14.5272,
2.6172

■ 25.2631, 24.1914,
50.5771

■ 13.0385, 14.1238,
2.1653

■ 26.8788, 25.2371,
57.8541

■ 12.9479, 13.9813,
2.0162

■ 28.6127, 26.3371,
65.7315

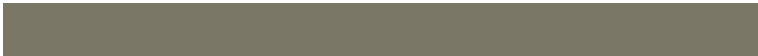
Harmonies

Analogous

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



17.9717, 18.2905, 15.3416



17.0211, 18.2905, 15.2037



16.1981, 18.2905, 16.2395

Triad

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



17.0211, 18.2905, 15.2037



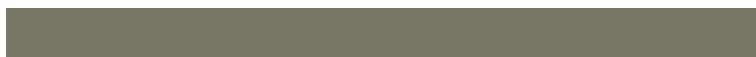
16.0487, 18.2905, 23.6002



19.1808, 18.2905, 21.6247

Complementary

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



17.0211, 18.2905, 15.2037



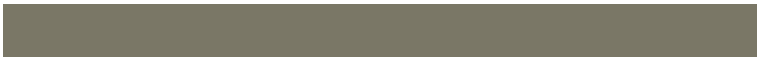
14.0439, 14.3328, 20.4387

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.



18.6277, 18.2905, 24.1075



17.0211, 18.2905, 15.2037



16.8104, 18.2905, 25.3179

Square

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



17.0211, 18.2905, 15.2037



15.6505, 18.2905, 20.9820



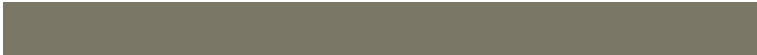
17.7532, 18.2905, 25.5116



19.2423, 18.2905, 18.8852

Rectangle

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



17.0211, 18.2905, 15.2037



15.8233, 18.2905, 17.5168



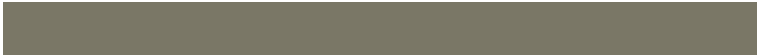
17.7532, 18.2905, 25.5116



19.0453, 18.2905, 22.5232

Sweetspot

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



17.0216, 18.2913, 15.2041



31.6836, 33.5728, 33.7469



15.3274, 14.6605, 15.3868



7.2236, 7.6601, 7.6307



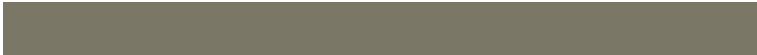
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.0216, 18.2913, 15.2041



29.3677, 31.6990, 24.4721



16.4282, 18.5233, 15.2801



4.2590, 4.5365, 4.2756



13.6274, 14.7107, 2.1212



64.5112, 69.1858, 9.9541

Inverse Universe

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



14.0439, 14.3328, 20.4387



23.0010, 23.2357, 35.6655



14.5711, 14.1594, 20.3775



3.8417, 3.9816, 5.0092



3.9267, 1.9359, 19.5520



18.3299, 8.4324, 93.1313

Previews

White Background



This preview shows how the XYZ color 17.0211, 18.2905, 15.2037 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 17.0211, 18.2905, 15.2037 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

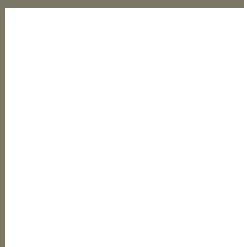
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0211, 18.2905, 15.2037

Background



This preview shows how black text looks on a background with the XYZ color 17.0211, 18.2905, 15.2037.



This preview shows how white text looks on a background with the XYZ color 17.0211, 18.2905,

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

17.0211, 18.2905, 15.2037

Protanopia

17.3342, 18.2761, 15.1844

Deuteranopia

18.6188, 18.2481, 15.3729



Tritanopia

18.4045, 18.3314, 21.9703

Trichromacy



Original Color

17.0211, 18.2905, 15.2037

Protanomaly

17.1889, 18.2013, 15.1776

Deuteranomaly

18.0536, 18.2953, 15.4118

Tritanomaly

17.8844, 18.2920, 19.4177

Monochromacy



Original Color

17.0211, 18.2905, 15.2037

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0108, 18.0487, 17.9164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0211, 18.2905, 15.2037 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, 119, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 119, 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, 119, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 119, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.0211, 18.2905, 15.2037 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, 119, 102) }
```


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

```
.border{ border-color:rgb(122, 119, 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, 119, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 119, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 119, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 119,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0211, 18.2905, 15.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 119, 102) }
```

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

```
.background{ background-color: rgb(122,  
119, 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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