

Converting Colors

XYZ(17.2877, 18.0440, 17.1241)

Have a look what the booklet for
XYZ(17.2877, 18.0440, 17.1241)
contains.

XYZ(17.2900, 18.0377, 17.0383)	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(17.2900, 18.0377,
17.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	7B756D
RGB	123, 117, 109
RGB Percent	48%, 46%, 43%
CMY	0.5176, 0.5412, 0.5725
CMYK	0.00, 0.05, 0.11, 0.52
HSL	34°, 6%, 45%
HSV	34°, 11%, 48%
XYZ	17.2900, 18.0377, 17.0383
YIQ	117.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

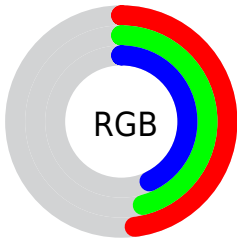
Format	Color
R_{YB}	120, 123, 109
Decimal	8090989
CIE Lab	49.54, 0.80, 5.23
CIE LCh	50, 5.288, 81.320
Yxy	18.0377, 0.3302, 0.3445
Android (android.graphics.Color)	4286281069 (0xFF7B756D)
YUV	117.8820, -4.3788, 4.4885
Hunter-Lab	42.4708, -1.6560, 5.9438

Details

The XYZ color **17.2900, 18.0377, 17.0383** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0125, 16.9423, 21.1653**, and the grayscale version is **17.1953, 18.0908, 19.7009**.

A 20% lighter version of the original color is **38.2123, 40.0280, 38.9699**, and **5.8217, 6.0599, 5.4203** is the 20% darker color. If you saturate the color by 10%, you get **16.0771, 16.5983, 13.5927**, and if you desaturate by 10%, it is **18.6312, 19.5849, 20.9843**.

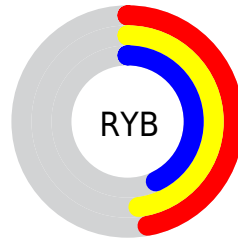
Distribution



Red (48%)

Green (46%)

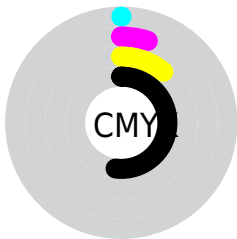
Blue (43%)



Red (47%)

Yellow (48%)

Blue (43%)

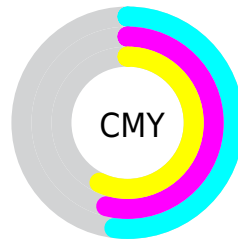


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2900, 18.0377, 17.0383 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 17.2900, 18.0377, 17.0383 by changing the saturation by 10% instead.

■ 17.2900, 18.0377,
17.0383

■ 17.2900, 18.0377,
17.0383

229.9619,
241.0835, 247.4444

■ 10.5381, 10.9771,
10.0996

■ 38.3634, 40.1016,
39.1832

■ 5.8221, 6.0514,
5.3585

■ 53.4155, 55.8736,
55.2264

■ 2.7769, 2.8764,
2.3967

■ 71.9650, 75.3181,
75.1415

■ 1.0369, 1.0675,
0.7847

■ 94.3774, 98.8197,
99.3470

■ 0.0000, 0.0000,
0.0000

121.0179,
126.7626, 128.2615

152.2519,

159.5313, 162.3036

188.4448,
197.5101, 201.8917

■ 17.2900, 18.0377,
17.0383

■ 17.2900, 18.0377,
17.0383

■ 16.0771, 16.5983,
13.5927

■ 18.6312, 19.5849,
20.9843

■ 14.9865, 15.2616,
10.6259

■ 20.1032, 21.2401,
25.4488

■ 14.0142, 14.0257,
8.1167

■ 21.7107, 23.0065,
30.4502

■ 13.1550, 12.8875,
6.0416

■ 23.4573, 24.8864,
36.0058

■ 12.4036, 11.8441,
4.3750

■ 25.3466, 26.8821,
42.1320

■ 11.7540, 10.8919,
3.0886

■ 27.3821, 28.9958,
48.8448

■ 11.1995, 10.0273,
2.1506

■ 29.5672, 31.2296,
56.1593

■ 10.7325, 9.2461,
1.5236

■ 31.9051, 33.5856,
64.0901

■ 10.3780, 8.6301,
1.1188

■ 34.3989, 36.0659,
72.6513

Harmonies

Analogous

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



17.7531, 18.0377, 17.5651



17.2900, 18.0377, 17.0383



16.7966, 18.0377, 17.1816

Triad

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



17.2900, 18.0377, 17.0383



16.2629, 18.0377, 20.6597



17.9070, 18.0377, 21.4142

Complementary

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



17.2900, 18.0377, 17.0383



16.0125, 16.9423, 21.1653

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.



17.4967, 18.0377, 22.3223



17.2900, 18.0377, 17.0383



16.5496, 18.0377, 21.8722

Square

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



17.2900, 18.0377, 17.0383



16.2100, 18.0377, 19.2268



16.9994, 18.0377, 22.4939



18.1138, 18.0377, 20.0591

Rectangle

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



17.2900, 18.0377, 17.0383



16.5164, 18.0377, 17.6410



16.9994, 18.0377, 22.4939



17.7879, 18.0377, 21.7845

Sweetspot

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



17.2905, 18.0385, 17.0387



32.9409, 34.5892, 36.3175



16.7356, 16.3878, 18.5211



7.7157, 8.0978, 8.4274



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.2905, 18.0385, 17.0387



30.2955, 31.5185, 28.5921



17.8790, 19.4127, 17.2729



4.1707, 4.3598, 4.2462



10.7304, 8.9168, 1.1556



50.3276, 40.8187, 5.2262

Inverse Universe

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



16.0125, 16.9423, 21.1653



27.4673, 29.0929, 37.7244



15.4661, 15.6783, 20.9501



3.9257, 4.1497, 5.0372



4.9957, 4.0738, 19.9083



23.0199, 17.8125, 94.6947

Previews

White Background



This preview shows how the XYZ color 17.2900, 18.0377, 17.0383 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 17.2900, 18.0377, 17.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

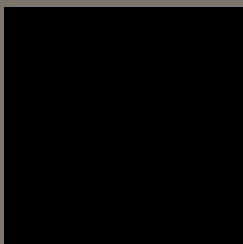
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2900, 18.0377, 17.0383

Background



This preview shows how black text looks on a background with the XYZ color 17.2900, 18.0377, 17.0383.



This preview shows how white text looks on a background with the XYZ color 17.2900, 18.0377,

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

17.2900, 18.0377, 17.0383

Protanopia

17.1476, 17.9643, 17.0317

Deuteranopia

18.3475, 18.0660, 17.2719



Tritanopia

18.2263, 18.0767, 21.5973

Trichromacy



Original Color

17.2900, 18.0377, 17.0383

Protanomaly

17.1476, 17.9643, 17.0317

Deuteranomaly

17.9985, 18.0544, 17.2881

Tritanomaly

17.8873, 18.1078, 20.0051

Monochromacy



Original Color

17.2900, 18.0377, 17.0383

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3187, 18.1877, 18.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2900, 18.0377, 17.0383 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(123, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 117, 109)  
}
```

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(123, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 117, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.2900, 18.0377, 17.0383 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(123, 117, 109) }
```


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

```
.border{ border-color:rgb(123, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 117,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2900, 18.0377, 17.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 117, 109) }
```

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

```
.background{ background-color: rgb(123,  
117, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor