

Converting Colors

XYZ(17.1250, 17.5473, 19.8811)

Have a look what the booklet for
XYZ(17.1250, 17.5473, 19.8811)
contains.

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Color

**XYZ(17.0683, 17.5153,
19.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	777377
RGB	119, 115, 119
RGB Percent	47%, 45%, 47%
CMY	0.5333, 0.5490, 0.5333
CMYK	0.00, 0.03, 0.00, 0.53
HSL	300°, 2%, 46%
HSV	300°, 3%, 47%
XYZ	17.0683, 17.5153, 19.9340
YIQ	116.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

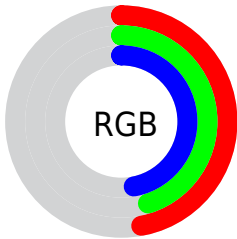
Format	Color
R_{YB}	119, 115, 119
Decimal	7828343
CIE _{Lab}	48.90, 2.34, -1.66
CIE _{LCh}	49, 2.867, 324.558
Yxy	17.5153, 0.3131, 0.3213
Android (android.graphics.Color)	4286018423 (0xFF777377)
YUV	116.6520, 1.1576, 2.0592
Hunter-Lab	41.8513, -0.4417, 1.0557

Details

The XYZ color **17.0683, 17.5153, 19.9340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7623, 18.0769, 18.8263**, and the grayscale version is **16.7977, 17.6724, 19.2453**.

A 20% lighter version of the original color is **37.9640, 39.2356, 44.1004**, and **5.7430, 5.8088, 6.7798** is the 20% darker color. If you saturate the color by 10%, you get **15.7982, 14.9749, 19.5106**, and if you desaturate by 10%, it is **18.5146, 20.4076, 20.4166**.

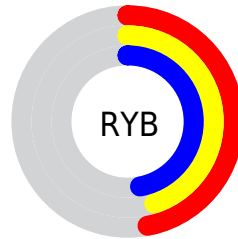
Distribution



Red (47%)

Green (45%)

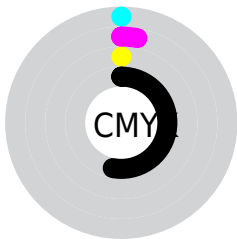
Blue (47%)



Red (47%)

Yellow (45%)

Blue (47%)

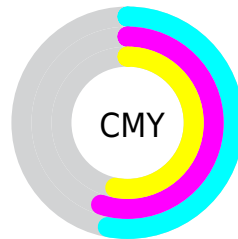


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0683, 17.5153, 19.9340 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 17.0683, 17.5153, 19.9340 by changing the saturation by 10% instead.

■ 17.0683, 17.5153,
19.9340

■ 17.0683, 17.5153,
19.9340

228.7142,
238.1247, 264.1500

■ 10.3788, 10.6026,
12.1635

■ 37.9858, 39.2097,
44.1640

■ 5.7150, 5.8003,
6.7312

■ 52.9446, 54.7601,
61.4606

■ 2.7116, 2.7240,
3.2187

■ 71.3905, 73.9585,
82.7696

■ 1.0031, 0.9894,
1.2074

■ 93.6888, 97.1893,
108.5096

■ 0.0000, 0.0000,
0.0000

120.2050,
124.8370, 139.0991

151.3044,

157.2858, 174.9566

187.3524,
194.9202, 216.5007

■ 17.0683, 17.5153,
19.9340

■ 17.0683, 17.5153,
19.9340

■ 15.7982, 14.9749,
19.5106

■ 18.5146, 20.4076,
20.4166

■ 14.6961, 12.7708,
19.1429

■ 20.1420, 23.6622,
20.9593

■ 13.7554, 10.8896,
18.8291

■ 21.9568, 27.2918,
21.5645

■ 12.9687, 9.3162,
18.5666

■ 23.9648, 31.3078,
22.2341

■ 12.3276, 8.0342,
18.3527

■ 26.1715, 35.7210,
22.9699

■ 11.8234, 7.0257,
18.1843

■ 28.5821, 40.5422,
23.7737

■ 11.4459, 6.2708,
18.0582

■ 31.2017, 45.7812,
24.6472

■ 11.1840, 5.7471,
17.9707

■ 34.0351, 51.4480,
25.5919

■ 11.0230, 5.4253,
17.9167

■ 37.0871, 57.5519,
26.6095

Harmonies

Analogous

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



16.8614, 17.5153, 20.4359



17.0683, 17.5153, 19.9340



17.1626, 17.5153, 19.2106

Triad

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



17.0683, 17.5153, 19.9340



16.6964, 17.5153, 17.6487



16.1865, 17.5153, 19.6870

Complementary

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



17.0683, 17.5153, 19.9340



16.7623, 18.0769, 18.8263

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.



16.1434, 17.5153, 18.9325



17.0683, 17.5153, 19.9340



16.4359, 17.5153, 17.7686

Square

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



17.0683, 17.5153, 19.9340



16.9464, 17.5153, 17.9016



16.2342, 17.5153, 18.2336



16.3527, 17.5153, 20.2907

Rectangle

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



17.0683, 17.5153, 19.9340



17.1482, 17.5153, 18.7051



16.2342, 17.5153, 18.2336



16.1572, 17.5153, 19.4421

Sweetspot

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



17.0688, 17.5161, 19.9344



31.1408, 32.5176, 35.8882



16.5315, 17.2391, 19.9093



7.3846, 7.7154, 8.5067



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.



17.0688, 17.5161, 19.9344



30.3855, 31.0070, 35.6363



16.9500, 17.4685, 19.3086



3.9638, 4.0323, 4.6596



11.6199, 5.5817, 19.0045



56.6252, 27.2002, 92.6105

Inverse Universe

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



17.0688, 17.5161, 19.9344



30.3855, 31.0070, 35.6363



16.8786, 18.1234, 19.4388



3.9638, 4.0323, 4.6596



11.6199, 5.5817, 19.0045



56.6252, 27.2002, 92.6105

Previews

White Background



This preview shows how the XYZ color 17.0683, 17.5153, 19.9340 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 17.0683, 17.5153, 19.9340 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 17.0683, 17.5153, 19.9340

Background



This preview shows how black text looks on a background with the XYZ color 17.0683, 17.5153, 19.9340.



This preview shows how white text looks on a background with the XYZ color 17.0683, 17.5153,

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

17.0683, 17.5153, 19.9340

Protanopia

16.9113, 17.6046, 19.9595

Deuteranopia

17.8391, 17.5778, 19.9054



Tritanopia

17.3382, 17.4578, 21.1948

Trichromacy



Original Color

17.0683, 17.5153, 19.9340

Protanomaly

17.0464, 17.6742, 19.9658

Deuteranomaly

17.5155, 17.5775, 19.9224

Tritanomaly

17.2759, 17.4328, 20.8667

Monochromacy



Original Color

17.0683, 17.5153, 19.9340

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9866, 17.6503, 19.6511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0683, 17.5153, 19.9340 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(119, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 119)  
}
```

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(119, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.0683, 17.5153, 19.9340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

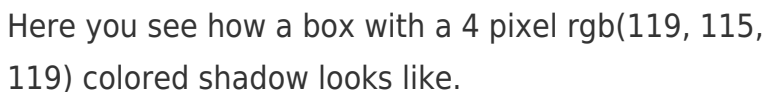
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 115, 119) }
```


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

```
.border{ border-color:rgb(119, 115, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 115, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 115, 119); box-shadow:4px 4px 4px 4px rgb(119, 115, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0683, 17.5153, 19.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 119) }
```

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

```
.background{ background-color: rgb(119,  
115, 119) }
```

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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