

Converting Colors

XYZ(17.1857, 17.5940, 19.1265)

Have a look what the booklet for
XYZ(17.1857, 17.5940, 19.1265)
contains.

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Color

**XYZ(17.1683, 17.5874,
19.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	797374
RGB	121, 115, 116
RGB Percent	47%, 45%, 45%
CMY	0.5255, 0.5490, 0.5451
CMYK	0.00, 0.05, 0.04, 0.53
HSL	350°, 3%, 46%
HSV	350°, 5%, 47%
XYZ	17.1683, 17.5874, 19.0128
YIQ	116.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

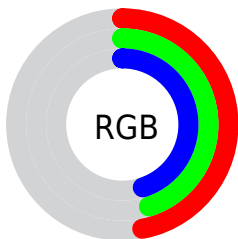
Format	Color
R_{YB}	121, 115, 116
Decimal	7959412
CIE _{Lab}	48.99, 2.50, 0.27
CIE _{LCh}	49, 2.517, 6.105
Yxy	17.5874, 0.3193, 0.3271
Android (android.graphics.Color)	4286149492 (0xFF797374)
YUV	116.9080, -0.4476, 3.5887
Hunter-Lab	41.9373, -0.3160, 2.4763

Details

The XYZ color **17.1683, 17.5874, 19.0128** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2985, 18.6761, 20.4635**, and the grayscale version is **16.8811, 17.7602, 19.3409**.

A 20% lighter version of the original color is **38.1202, 39.3488, 42.6317**, and **5.7982, 5.8481, 6.2920** is the 20% darker color. If you saturate the color by 10%, you get **15.3229, 14.7850, 15.6582**, and if you desaturate by 10%, it is **19.2596, 20.7791, 22.7642**.

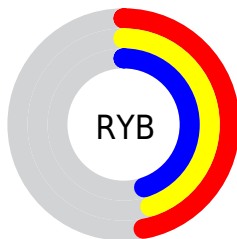
Distribution



Red (47%)

Green (45%)

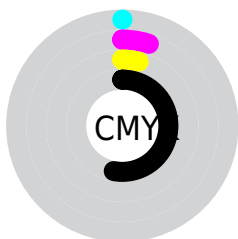
Blue (45%)



Red (47%)

Yellow (45%)

Blue (45%)

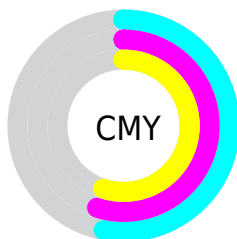


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1683, 17.5874, 19.0128 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 17.1683, 17.5874, 19.0128 by changing the saturation by 10% instead.

■ 17.1683, 17.5874,
19.0128

■ 17.1683, 17.5874,
19.0128

229.2778,
238.5350, 258.9445

■ 10.4506, 10.6542,
11.5026

■ 38.1562, 39.3330,
42.5927

■ 5.7633, 5.8348,
6.2876

■ 53.1571, 54.9142,
59.4995

■ 2.7410, 2.7449,
2.9491

■ 71.6499, 74.1468,
80.3756

■ 1.0183, 1.0000,
1.0687

■ 93.9997, 97.4152,
105.6396

■ 0.0000, 0.0000,
0.0000

120.5721,
125.1038, 135.7099

151.7323,

157.5971, 171.0051

187.8458,
195.2793, 211.9438

■ 17.1683, 17.5874,
19.0128

■ 17.1683, 17.5874,
19.0128

■ 15.3229, 14.7850,
15.6582

■ 19.2596, 20.7791,
22.7642

■ 13.7128, 12.3549,
12.6863

■ 21.6038, 24.3718,
26.9237

■ 12.3291, 10.2819,
10.0837

■ 24.2096, 28.3795,
31.5034

■ 11.1613, 8.5492,
7.8359

■ 27.0847, 32.8151,
36.5149

■ 10.1985, 7.1386,
5.9274

■ 30.2367, 37.6906,
41.9689

■ 9.4286, 6.0301,
4.3415

■ 33.6725, 43.0178,
47.8761

■ 8.8384, 5.2014,
3.0601

■ 37.3993, 48.8078,
54.2466

■ 8.4127, 4.6274,
2.0634

■ 41.4235, 55.0715,
61.0903

■ 8.1293, 4.2686,
1.3273

■ 45.7517, 61.8193,
68.4168

Harmonies

Analogous

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



17.1316, 17.5874, 19.6771



17.1683, 17.5874, 19.0128



17.0830, 17.5874, 18.3994

Triad

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



17.1683, 17.5874, 19.0128



16.4522, 17.5874, 18.1260



16.5345, 17.5874, 20.3538

Complementary

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



17.1683, 17.5874, 19.0128



17.2985, 18.6761, 20.4635

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.



16.3549, 17.5874, 19.9201



17.1683, 17.5874, 19.0128



16.3077, 17.5874, 18.6318

Square

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



17.1683, 17.5874, 19.0128



16.6684, 17.5874, 17.8951



16.2723, 17.5874, 19.2872



16.7643, 17.5874, 20.4616

Rectangle

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



17.1683, 17.5874, 19.0128



16.9688, 17.5874, 18.0985



16.2723, 17.5874, 19.2872



16.4663, 17.5874, 20.2408

Sweetspot

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



17.1688, 17.5882, 19.0132



32.1632, 33.6576, 36.6022



17.3282, 17.6358, 20.5802



7.3607, 7.7058, 8.3809



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.



17.1688, 17.5882, 19.0132



30.3272, 30.8604, 33.2934



17.3415, 18.0260, 18.7860



4.1501, 4.2181, 4.5491



8.5835, 4.4096, 1.0977



40.7258, 20.9467, 4.0861

Inverse Universe

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



17.1688, 17.5882, 19.0132



30.3272, 30.8604, 33.2934



17.1189, 18.2196, 20.7039



4.1501, 4.2181, 4.5491



8.5835, 4.4096, 1.0977



40.7258, 20.9467, 4.0861

Previews

White Background



This preview shows how the XYZ color 17.1683, 17.5874, 19.0128 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 17.1683, 17.5874, 19.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

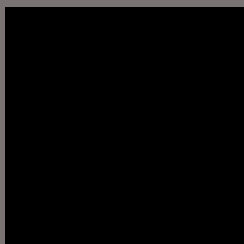
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

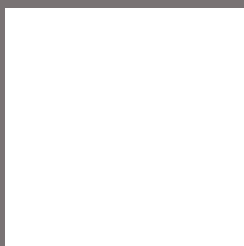
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1683, 17.5874, 19.0128

Background



This preview shows how black text looks on a background with the XYZ color 17.1683, 17.5874, 19.0128.



This preview shows how white text looks on a background with the XYZ color 17.1683, 17.5874,

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

17.1683, 17.5874, 19.0128

Protanopia

16.8690, 17.6033, 19.0317

Deuteranopia

17.8099, 17.5832, 18.9782



Tritanopia

17.6185, 17.6023, 21.2079

Trichromacy

**Original Color**

17.1683, 17.5874, 19.0128

Protanomaly

17.0055, 17.6737, 19.0381

Deuteranomaly

17.6271, 17.6556, 19.0018

Tritanomaly

17.4335, 17.5283, 20.2337

Monochromacy

**Original Color**

17.1683, 17.5874, 19.0128

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9275, 17.6267, 19.3397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1683, 17.5874, 19.0128 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(121, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 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(121, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.1683, 17.5874, 19.0128 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(121, 115, 116) }
```


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

```
.border{ border-color:rgb(121, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1683, 17.5874, 19.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 116) }
```

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

```
.background{ background-color: rgb(121,  
115, 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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