

Converting Colors

XYZ(16.7381, 16.6845, 19.0671)

Have a look what the booklet for
XYZ(16.7381, 16.6845, 19.0671)
contains.

XYZ(16.7805, 16.7182, 19.1721)	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(16.7805, 16.7182,
19.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	796F75
RGB	121, 111, 117
RGB Percent	47%, 44%, 46%
CMY	0.5255, 0.5647, 0.5412
CMYK	0.00, 0.08, 0.03, 0.53
HSL	324°, 4%, 45%
HSV	324°, 8%, 47%
XYZ	16.7805, 16.7182, 19.1721
YIQ	114.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

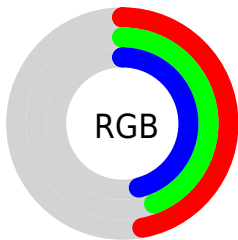
Format	Color
R_{YB}	121, 111, 117
Decimal	7958389
CIE Lab	47.90, 5.05, -1.92
CIE LCh	48, 5.404, 339.179
Yxy	16.7182, 0.3186, 0.3174
Android (android.graphics.Color)	4286148469 (0xFF796F75)
YUV	114.6740, 1.1467, 5.5479
Hunter-Lab	40.8879, 1.7031, 0.8208

Details

The XYZ color **16.7805, 16.7182, 19.1721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4881, 18.2925, 18.8824**, and the grayscale version is **16.1933, 17.0366, 18.5528**.

A 20% lighter version of the original color is **37.4922, 37.9432, 42.8838**, and **5.5242, 5.3624, 6.3741** is the 20% darker color. If you saturate the color by 10%, you get **15.2714, 14.1437, 17.3009**, and if you desaturate by 10%, it is **18.4841, 19.6578, 21.1812**.

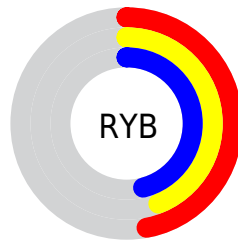
Distribution



Red (47%)

Green (44%)

Blue (46%)



Red (47%)

Yellow (44%)

Blue (46%)

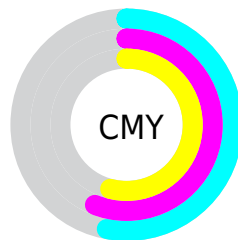


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7805, 16.7182, 19.1721 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 16.7805, 16.7182, 19.1721 by changing the saturation by 10% instead.

■ 16.7805, 16.7182,
19.1721

■ 16.7805, 16.7182,
19.1721

227.0853,
233.5432, 259.8515

■ 10.1724, 10.0338,
11.6166

■ 37.4946, 37.8406,
42.8653

■ 5.5766, 5.4214,
6.3638

■ 52.3314, 53.0474,
59.8401

■ 2.6276, 2.4965,
2.9952

■ 70.6417, 71.8638,
80.7917

■ 0.9600, 0.8749,
1.0922

■ 92.7911, 94.6741,
106.1387

■ 0.0000, 0.0000,
0.0000

119.1447,
121.8629, 136.2997

150.0681,

153.8143, 171.6931

185.9265,
190.9130, 212.7375

■ 16.7805, 16.7182,
19.1721

■ 16.7805, 16.7182,
19.1721

■ 15.2714, 14.1437,
17.3009

■ 18.4841, 19.6578,
21.1812

■ 13.9482, 11.9178,
15.5630

■ 20.3878, 22.9738,
23.3305

■ 12.8032, 10.0257,
13.9551

■ 22.4986, 26.6799,
25.6235

■ 11.8283, 8.4511,
12.4731

■ 24.8229, 30.7883,
28.0635

■ 11.0142, 7.1761,
11.1128

■ 27.3666, 35.3107,
30.6535

■ 10.3508, 6.1809,
9.8698

■ 30.1356, 40.2583,
33.3962

■ 9.8271, 5.4435,
8.7390

■ 33.1354, 45.6421,
36.2946

■ 9.4299, 4.9385,
7.7149

■ 36.3713, 51.4723,
39.3514

■ 9.1250, 4.5974,
6.7846

■ 39.8486, 57.7591,
42.5692

Harmonies

Analogous

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



16.4884, 16.7182, 20.3596



16.7805, 16.7182, 19.1721



16.8315, 16.7182, 17.7793

Triad

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



16.7805, 16.7182, 19.1721



15.7414, 16.7182, 15.6849



15.1761, 16.7182, 19.9485

Complementary

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



16.7805, 16.7182, 19.1721



16.4881, 18.2925, 18.8824

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.



14.9846, 16.7182, 18.6339



16.7805, 16.7182, 19.1721



15.3066, 16.7182, 16.2048

Square

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



16.7805, 16.7182, 19.1721



16.2249, 16.7182, 15.8126



15.0319, 16.7182, 17.2677



15.5600, 16.7182, 20.8235

Rectangle

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



16.7805, 16.7182, 19.1721



16.7208, 16.7182, 16.9283



15.0319, 16.7182, 17.2677



15.0874, 16.7182, 19.5407

Sweetspot

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



16.7810, 16.7189, 19.1725



31.9030, 33.1300, 36.5377



16.2065, 16.3950, 20.3998



7.3056, 7.5941, 8.3672



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.



16.7810, 16.7189, 19.1725



29.4855, 28.9713, 33.6469



16.4948, 16.6045, 17.6657



4.0898, 4.0516, 4.6704



9.7187, 4.8636, 7.0754



45.9301, 23.0284, 31.4916

Inverse Universe

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



16.7810, 16.7189, 19.1725



29.4855, 28.9713, 33.6469



16.7836, 18.4108, 20.4387



4.0898, 4.0516, 4.6704



9.7187, 4.8636, 7.0754



45.9301, 23.0284, 31.4916

Previews

White Background



This preview shows how the XYZ color 16.7805, 16.7182, 19.1721 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 16.7805, 16.7182, 19.1721 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 16.7805, 16.7182, 19.1721

Background



This preview shows how black text looks on a background with the XYZ color 16.7805, 16.7182, 19.1721.



This preview shows how white text looks on a background with the XYZ color 16.7805, 16.7182,

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

16.7805, 16.7182, 19.1721

Protanopia

16.1146, 16.6957, 19.5128

Deuteranopia

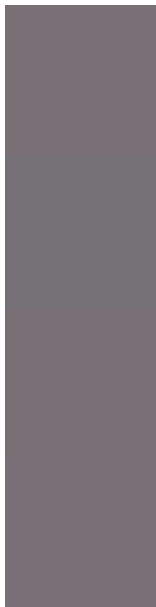
16.9552, 16.6472, 19.1492



Tritanopia

16.8994, 16.7657, 19.7982

Trichromacy



Original Color

16.7805, 16.7182, 19.1721

Protanomaly

16.4003, 16.6783, 19.4944

Deuteranomaly

16.8129, 16.5738, 19.1425

Tritanomaly

16.8396, 16.7418, 19.4835

Monochromacy



Original Color

16.7805, 16.7182, 19.1721

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5058, 17.0775, 18.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7805, 16.7182, 19.1721 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, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 117)  
}
```

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, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.7805, 16.7182, 19.1721 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, 111, 117) }
```


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

```
.border{ border-color:rgb(121, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7805, 16.7182, 19.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 117) }
```

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

```
.background{ background-color: rgb(121,  
111, 117) }
```

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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