

Converting Colors

XYZ(16.6070, 16.3389, 19.7277)

Have a look what the booklet for
XYZ(16.6070, 16.3389, 19.7277)
contains.

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Color

**XYZ(16.5441, 16.2623,
19.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	786D77
RGB	120, 109, 119
RGB Percent	47%, 43%, 47%
CMY	0.5294, 0.5725, 0.5333
CMYK	0.00, 0.09, 0.01, 0.53
HSL	305°, 5%, 45%
HSV	305°, 9%, 47%
XYZ	16.5441, 16.2623, 19.7197
YIQ	113.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

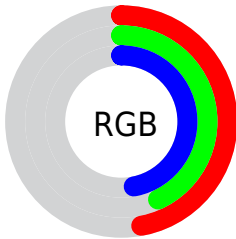
Format	Color
R_{YB}	120, 109, 119
Decimal	7892343
CIE Lab	47.32, 6.25, -3.99
CIE LCh	47, 7.418, 327.472
Yxy	16.2623, 0.3150, 0.3096
Android (android.graphics.Color)	4286082423 (0xFF786D77)
YUV	113.4290, 2.7465, 5.7628
Hunter-Lab	40.3265, 2.6588, -0.7643

Details

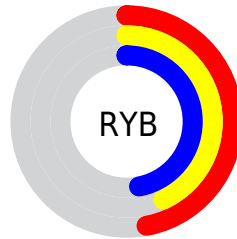
The XYZ color **16.5441, 16.2623, 19.7197** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8382, 17.8103, 17.3556**, and the grayscale version is **15.8153, 16.6390, 18.1198**.

A 20% lighter version of the original color is **36.9347, 36.8525, 43.6947**, and **5.5324, 5.2779, 6.6884** is the 20% darker color. If you saturate the color by 10%, you get **15.2854, 13.8490, 18.9790**, and if you desaturate by 10%, it is **17.9793, 19.0269, 20.5234**.

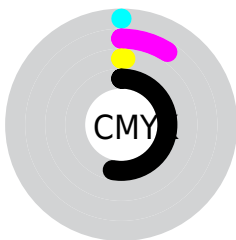
Distribution



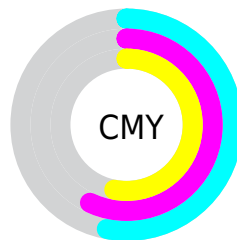
- Red (47%)
- Green (43%)
- Blue (47%)



- Red (47%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5441, 16.2623, 19.7197 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 16.5441, 16.2623, 19.7197 by changing the saturation by 10% instead.

■ 16.5441, 16.2623,
19.7197

■ 16.5441, 16.2623,
19.7197

225.7391,
230.8846, 262.9475

■ 10.0033, 9.7100,
12.0094

■ 37.0901, 37.0530,
43.7995

■ 5.4634, 5.2071,
6.6275

■ 51.8260, 52.0601,
61.0061

■ 2.5592, 2.3693,
3.1553

■ 70.0243, 70.6543,
82.2152

■ 0.9252, 0.8100,
1.1745

■ 92.0503, 93.2199,
107.8454

■ 0.0000, 0.0000,
0.0000

118.2695,
120.1413, 138.3152

149.0471,

151.8030, 174.0431

184.7485,
188.5892, 215.4477

■ 16.5441, 16.2623,
19.7197

■ 16.5441, 16.2623,
19.7197

■ 15.2854, 13.8490,
18.9790

■ 17.9793, 19.0269,
20.5234

■ 14.1948, 11.7707,
18.2977

■ 19.5961, 22.1540,
21.3911

■ 13.2651, 10.0132,
17.6739

■ 21.4015, 25.6568,
22.3254

■ 12.4884, 8.5604,
17.1046

■ 23.4013, 29.5474,
23.3283

■ 11.8557, 7.3946,
16.5871

■ 25.6013, 33.8371,
24.4017

■ 11.3575, 6.4965,
16.1180

■ 28.0070, 38.5369,
25.5474

■ 10.9829, 5.8442,
15.6938

■ 30.6236, 43.6574,
26.7672

■ 10.7192, 5.4128,
15.3102

■ 33.4562, 49.2087,
28.0628

■ 10.5269, 5.1230,
14.9539

■ 36.5099, 55.2008,
29.4359

Harmonies

Analogous

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



16.0456, 16.2623, 21.1066



16.5441, 16.2623, 19.7197



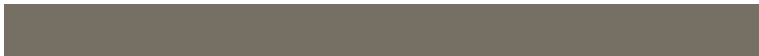
16.7506, 16.2623, 17.8666

Triad

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



16.5441, 16.2623, 19.7197



15.5125, 16.2623, 14.3398



14.3653, 16.2623, 19.4249

Complementary

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



16.5441, 16.2623, 19.7197



15.8382, 17.8103, 17.3556

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.



14.2315, 16.2623, 17.5482



16.5441, 16.2623, 19.7197



14.8826, 16.2623, 14.6933

Square

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



16.5441, 16.2623, 19.7197



16.1445, 16.2623, 14.8344



14.4183, 16.2623, 15.8359



14.7889, 16.2623, 20.9282

Rectangle

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



16.5441, 16.2623, 19.7197



16.6906, 16.2623, 16.6450



14.4183, 16.2623, 15.8359



14.2854, 16.2623, 18.8130

Sweetspot

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



16.5446, 16.2630, 19.7201



30.5982, 31.4896, 35.5312



15.2796, 15.6039, 19.9759



7.2080, 7.3789, 8.3963



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.



16.5446, 16.2630, 19.7201



28.6073, 27.6594, 34.4006



16.2285, 16.1366, 18.0555



4.1395, 4.0715, 4.9324



11.4643, 5.5619, 16.2675



54.5213, 26.4649, 76.7322

Inverse Universe

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



16.5446, 16.2630, 19.7201



28.6073, 27.6594, 34.4006



16.1422, 17.9319, 18.9565



4.1395, 4.0715, 4.9324



11.4643, 5.5619, 16.2675



54.5213, 26.4649, 76.7322

Previews

White Background



This preview shows how the XYZ color 16.5441, 16.2623, 19.7197 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 16.5441, 16.2623, 19.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

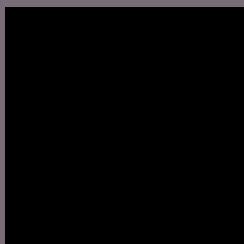
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5441, 16.2623, 19.7197

Background



This preview shows how black text looks on a background with the XYZ color 16.5441, 16.2623, 19.7197.



This preview shows how white text looks on a background with the XYZ color 16.5441, 16.2623,

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

16.5441, 16.2623, 19.7197

Protanopia

15.9275, 16.4136, 20.4178

Deuteranopia

16.5441, 16.2623, 19.7197



Tritanopia

16.4844, 16.2384, 19.4050

Trichromacy



Original Color

16.5441, 16.2623, 19.7197

Protanomaly

16.1448, 16.3698, 20.0781

Deuteranomaly

16.5441, 16.2623, 19.7197

Tritanomaly

16.4844, 16.2384, 19.4050

Monochromacy



Original Color

16.5441, 16.2623, 19.7197

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0911, 16.5391, 18.5639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5441, 16.2623, 19.7197 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(120, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 109, 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(120, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 16.5441, 16.2623, 19.7197 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(120, 109, 119) }
```


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

```
.border{ border-color:rgb(120, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5441, 16.2623, 19.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 109, 119) }
```

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

```
.background{ background-color: rgb(120,  
109, 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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