

Converting Colors

XYZ(16.8420, 16.0430, 19.5890)

Have a look what the booklet for
XYZ(16.8420, 16.0430, 19.5890)
contains.

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Color

**XYZ(16.8996, 16.1324,
19.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6B77
RGB	124, 107, 119
RGB Percent	49%, 42%, 47%
CMY	0.5137, 0.5804, 0.5333
CMYK	0.00, 0.14, 0.04, 0.51
HSL	318°, 7%, 45%
HSV	318°, 14%, 49%
XYZ	16.8996, 16.1324, 19.6759
YIQ	113.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

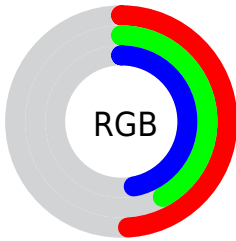
Format	Color
R_{YB}	124, 107, 119
Decimal	8153975
CIE Lab	47.15, 8.97, -4.20
CIE LCh	47, 9.902, 334.925
Yxy	16.1324, 0.3206, 0.3061
Android (android.graphics.Color)	4286344055 (0xFF7C6B77)
YUV	113.4510, 2.7357, 9.2515
Hunter-Lab	40.1652, 4.8153, -0.9291

Details

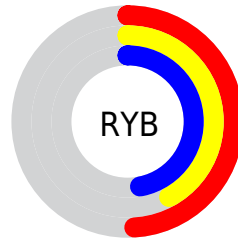
The XYZ color **16.8996, 16.1324, 19.6759** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1963, 18.7113, 18.0881**, and the grayscale version is **15.8213, 16.6452, 18.1266**.

A 20% lighter version of the original color is **37.7090, 36.7411, 43.6323**, and **5.6548, 5.1825, 6.6635** is the 20% darker color. If you saturate the color by 10%, you get **15.4837, 13.6442, 18.1440**, and if you desaturate by 10%, it is **18.5103, 18.9962, 21.3146**.

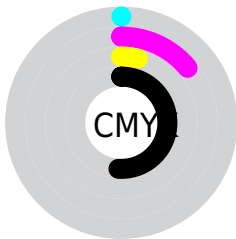
Distribution



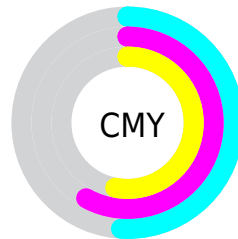
- Red (49%)
- Green (42%)
- Blue (47%)



- Red (49%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8996, 16.1324, 19.6759 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 16.8996, 16.1324, 19.6759 by changing the saturation by 10% instead.

■ 16.8996, 16.1324,
19.6759

■ 16.8996, 16.1324,
19.6759

227.7607,
230.1217, 262.7011

■ 10.2578, 9.6179,
11.9779

■ 37.6980, 36.8279,
43.7249

■ 5.6338, 5.1464,
6.6063

■ 52.5854, 51.7777,
60.9131

■ 2.6622, 2.3334,
3.1424

■ 70.9520, 70.3080,
82.1017

■ 0.9778, 0.7913,
1.1678

■ 93.1631, 92.8033,
107.7094

■ 0.0000, 0.0000,
0.0000

119.5842,
119.6479, 138.1546

150.5806,

151.2263, 173.8560

186.5176,
187.9227, 215.2319

■ 16.8996, 16.1324,
19.6759

■ 16.8996, 16.1324,
19.6759

■ 15.4837, 13.6442,
18.1440

■ 18.5103, 18.9962,
21.3146

■ 14.2531, 11.5137,
16.7146

■ 20.3218, 22.2483,
23.0621

■ 13.2000, 9.7248,
15.3850

■ 22.3417, 25.9035,
24.9213

■ 12.3150, 8.2592,
14.1516

■ 24.5767, 29.9749,
26.8951

■ 11.5881, 7.0971,
13.0104

■ 27.0333, 34.4753,
28.9860

■ 11.0082, 6.2162,
11.9573

■ 29.7174, 39.4168,
31.1964

■ 10.5626, 5.5913,
10.9876

■ 32.6351, 44.8112,
33.5288

■ 10.2348, 5.1896,
10.0953

■ 35.7921, 50.6696,
35.9855

■ 10.0541, 4.9819,
9.5616

■ 39.1938, 57.0028,
38.5686

Harmonies

Analogous

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



16.3115, 16.1324, 21.7953



16.8996, 16.1324, 19.6759



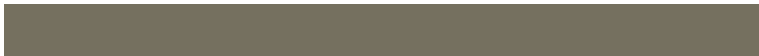
17.0618, 16.1324, 17.1572

Triad

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



16.8996, 16.1324, 19.6759



15.1901, 16.1324, 13.2101



14.0018, 16.1324, 20.4546

Complementary

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



16.8996, 16.1324, 19.6759



16.1963, 18.7113, 18.0881

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.



13.7258, 16.1324, 17.9801



16.8996, 16.1324, 19.6759



14.3951, 16.1324, 13.9217

Square

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



16.8996, 16.1324, 19.6759



16.0536, 16.1324, 13.5722



13.8670, 16.1324, 15.6116



14.6350, 16.1324, 22.2738

Rectangle

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



16.8996, 16.1324, 19.6759



16.9016, 16.1324, 15.6221



13.8670, 16.1324, 15.6116



13.8653, 16.1324, 19.6636

Sweetspot

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



16.9001, 16.1331, 19.6762



32.4573, 33.2208, 37.3933



15.5552, 15.4042, 21.2223



7.5982, 7.7419, 8.7610



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.



16.9001, 16.1331, 19.6762



29.0411, 27.1565, 33.8868



16.4222, 15.9420, 17.1600



4.1066, 4.0584, 4.7592



10.2198, 5.0641, 9.7141



48.3633, 24.0017, 44.3049

Inverse Universe

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



16.9001, 16.1331, 19.6762



29.0411, 27.1565, 33.8868



16.6810, 18.9052, 20.6404



4.1066, 4.0584, 4.7592



10.2198, 5.0641, 9.7141



48.3633, 24.0017, 44.3049

Previews

White Background



This preview shows how the XYZ color 16.8996, 16.1324, 19.6759 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 16.8996, 16.1324, 19.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

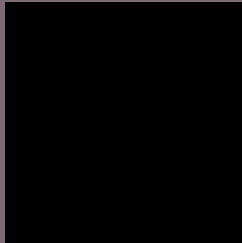
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8996, 16.1324, 19.6759

Background



This preview shows how black text looks on a background with the XYZ color 16.8996, 16.1324, 19.6759.



This preview shows how white text looks on a background with the XYZ color 16.8996, 16.1324,

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

16.8996, 16.1324, 19.6759

Protanopia

15.7528, 16.1535, 20.7000

Deuteranopia

16.5441, 16.2623, 19.7197



Tritanopia

16.8271, 16.2712, 18.7768

Trichromacy



Original Color

16.8996, 16.1324, 19.6759

Protanomaly

16.2296, 16.2453, 20.3694

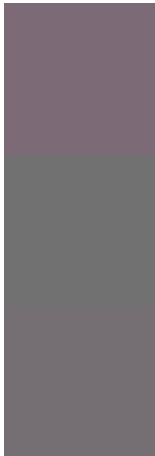
Deuteranomaly

16.5775, 16.1220, 19.6909

Tritanomaly

16.8856, 16.2946, 19.0848

Monochromacy



Original Color

16.8996, 16.1324, 19.6759

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1151, 16.3886, 18.5336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8996, 16.1324, 19.6759 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(124, 107, 119)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 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(124, 107, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 119) }
```

Border

The CSS property to change the border of an element to XYZ 16.8996, 16.1324, 19.6759 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(124, 107, 119) }
```


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

```
.border{ border-color:rgb(124, 107, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 107, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 119);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8996, 16.1324, 19.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 119) }
```

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

```
.background{ background-color: rgb(124,  
107, 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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