

Converting Colors

XYZ(15.9879, 16.9344, 19.9000)

Have a look what the booklet for
XYZ(15.9879, 16.9344, 19.9000)
contains.

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Color

**XYZ(16.0161, 16.9729,
19.8847)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7377
RGB	111, 115, 119
RGB Percent	44%, 45%, 47%
CMY	0.5647, 0.5490, 0.5333
CMYK	0.07, 0.03, 0.00, 0.53
HSL	210°, 3%, 45%
HSV	210°, 7%, 47%
XYZ	16.0161, 16.9729, 19.8847
YIQ	114.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

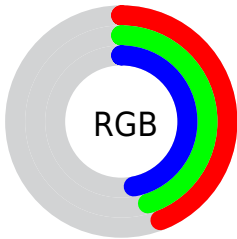
Format	Color
R_{YB}	111, 114, 119
Decimal	7304055
CIE _{Lab}	48.23, -0.67, -2.74
CIE _{LCh}	48, 2.816, 256.322
Yxy	16.9729, 0.3029, 0.3210
Android (android.graphics.Color)	4285494135 (0xFF6F7377)
YUV	114.2600, 2.3368, -2.8590
Hunter-Lab	41.1982, -2.7036, 0.2218

Details

The XYZ color **16.0161, 16.9729, 19.8847** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6078, 17.3311, 17.5092**, and the grayscale version is **16.0667, 16.9034, 18.4078**.

A 20% lighter version of the original color is **36.2737, 38.3642, 44.0213**, and **5.1944, 5.5260, 6.7541** is the 20% darker color. If you saturate the color by 10%, you get **13.9610, 14.9393, 19.6008**, and if you desaturate by 10%, it is **18.3155, 19.1983, 20.1933**.

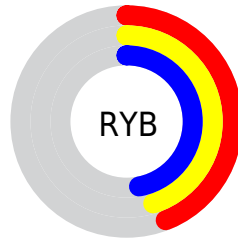
Distribution



Red (44%)

Green (45%)

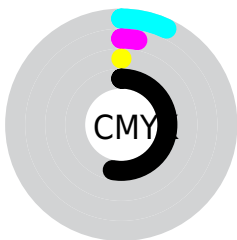
Blue (47%)



Red (44%)

Yellow (45%)

Blue (47%)

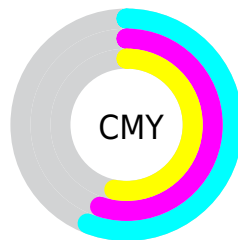


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0161, 16.9729, 19.8847 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 16.0161, 16.9729, 19.8847 by changing the saturation by 10% instead.

■ 16.0161, 16.9729,
19.8847

■ 16.0161, 16.9729,
19.8847

222.7052,
235.0162, 263.8738

■ 9.6265, 10.2152,
12.1280

■ 36.1834, 38.2792,
44.0802

■ 5.2124, 5.5419,
6.7073

■ 50.6917, 53.5965,
61.3561

■ 2.4084, 2.5686,
3.2041

■ 68.6370, 72.5358,
82.6422

■ 0.8493, 0.9109,
1.1998

■ 90.3846, 95.4816,
108.3570

■ 0.0000, 0.0000,
0.0000

116.2999,
122.8180, 138.9190

146.7482,

154.9297, 174.7467

182.0948,
192.2010, 216.2588

■ 16.0161, 16.9729,
19.8847

■ 16.0161, 16.9729,
19.8847

■ 13.9610, 14.9393,
19.6008

■ 18.3155, 19.1983,
20.1933

■ 12.1401, 13.0898,
19.3397

■ 20.8658, 21.6188,
20.5261

■ 10.5446, 11.4189,
19.1013

■ 23.6754, 24.2402,
20.8840

■ 9.1647, 9.9205,
18.8848

■ 26.7517, 27.0676,
21.2676

■ 7.9898, 8.5876,
18.6895

■ 30.1019, 30.1057,
21.6774

■ 7.0084, 7.4129,
18.5145

■ 33.7328, 33.3591,
22.1140

■ 6.2075, 6.3884,
18.3589

■ 37.6510, 36.8322,
22.5779

■ 5.5724, 5.5050,
18.2219

■ 41.8629, 40.5294,
23.0695

■ 5.0728, 4.7454,
18.1016

■ 46.3747, 44.4549,
23.5894

Harmonies

Analogous

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



15.7946, 16.9729, 19.5192



16.0161, 16.9729, 19.8847



16.2710, 16.9729, 19.8670

Triad

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



16.0161, 16.9729, 19.8847



16.6093, 16.9729, 18.0872



15.7788, 16.9729, 17.5239

Complementary

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



16.0161, 16.9729, 19.8847



16.6078, 17.3311, 17.5092

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.



15.9943, 16.9729, 17.1602



16.0161, 16.9729, 19.8847



16.4746, 16.9729, 17.4795

Square

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



16.0161, 16.9729, 19.8847



16.6153, 16.9729, 18.8160



16.2489, 16.9729, 17.1442



15.6586, 16.9729, 18.1492

Rectangle

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



16.0161, 16.9729, 19.8847



16.4256, 16.9729, 19.6400



16.2489, 16.9729, 17.1442



15.8424, 16.9729, 17.3677

Sweetspot

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



16.0166, 16.9736, 19.8851



30.5487, 32.2125, 35.8606



16.2395, 17.8082, 18.7612



7.2545, 7.6484, 8.5006



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.



16.0166, 16.9736, 19.8851



28.1086, 29.8338, 35.5301



15.5847, 16.1098, 19.7411



3.6379, 3.8644, 4.6444



5.2185, 4.7766, 19.1895



24.5734, 21.5634, 93.2273

Inverse Universe

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



16.3871, 16.5291, 18.5472



28.9130, 28.8804, 32.6229



17.0582, 18.2318, 17.6594



3.7532, 3.7286, 4.2273



8.9312, 4.5062, 4.8458



43.0903, 21.7862, 21.3365

Previews

White Background



This preview shows how the XYZ color 16.0161, 16.9729, 19.8847 looks on a white background.

Color Contrast Check

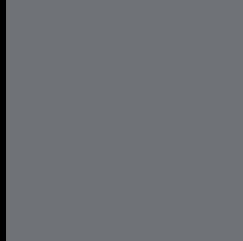
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0161, 16.9729, 19.8847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

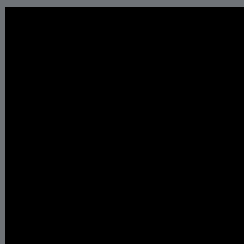
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

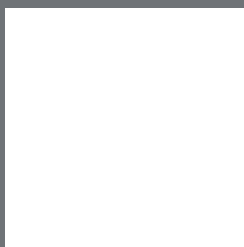
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0161, 16.9729, 19.8847

Background



This preview shows how black text looks on a background with the XYZ color 16.0161, 16.9729, 19.8847.



This preview shows how white text looks on a background with the XYZ color 16.0161, 16.9729,

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

16.0161, 16.9729, 19.8847

Protanopia

16.3576, 16.9875, 19.5563

Deuteranopia

17.2430, 16.9359, 20.1295



Tritanopia

16.2746, 16.9094, 21.1450

Trichromacy

**Original Color**

16.0161, 16.9729, 19.8847

Protanomaly

16.2268, 16.9200, 19.5502

Deuteranomaly

16.7921, 16.8663, 20.1398

Tritanomaly

16.2123, 16.8845, 20.8169

Monochromacy

**Original Color**

16.0161, 16.9729, 19.8847

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9798, 16.8063, 18.9247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0161, 16.9729, 19.8847 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(111, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 16.0161, 16.9729, 19.8847 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(111, 115, 119) }
```


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

```
.border{ border-color:rgb(111, 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(111, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0161, 16.9729, 19.8847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 119) }
```

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

```
.background{ background-color: rgb(111,  
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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