

Converting Colors

XYZ(16.7371, 19.6116, 19.8133)

Have a look what the booklet for
XYZ(16.7371, 19.6116, 19.8133)
contains.

XYZ(16.6260, 19.4664, 19.7107)	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(16.6260, 19.4664,
19.7107)**

Conversions

Conversions Part 1

Format	Color
Hex	697F75
RGB	105, 127, 117
RGB Percent	41%, 50%, 46%
CMY	0.5882, 0.5019, 0.5412
CMYK	0.17, 0.00, 0.08, 0.50
HSL	153°, 9%, 45%
HSV	153°, 17%, 50%
XYZ	16.6260, 19.4664, 19.7107
YIQ	119.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

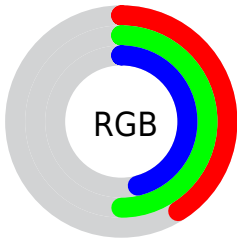
Format	Color
R_{YB}	105, 119, 127
Decimal	6913909
CIE Lab	51.23, -10.15, 2.77
CIE LCh	51, 10.518, 164.716
Yxy	19.4664, 0.2979, 0.3488
Android (android.graphics.Color)	4285103989 (0xFF697F75)
YUV	119.2820, -1.1250, -12.5253
Hunter-Lab	44.1207, -9.9472, 4.3970

Details

The XYZ color **16.6260, 19.4664, 19.7107** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8993, 15.8536, 18.3900**, and the grayscale version is **17.6301, 18.5482, 20.1990**.

A 20% lighter version of the original color is **37.1930, 42.5750, 43.7936**, and **5.4859, 6.7483, 6.6436** is the 20% darker color. If you saturate the color by 10%, you get **14.9153, 18.6231, 17.9131**, and if you desaturate by 10%, it is **18.5816, 20.4346, 21.6299**.

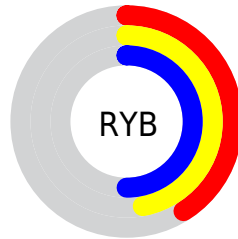
Distribution



Red (41%)

Green (50%)

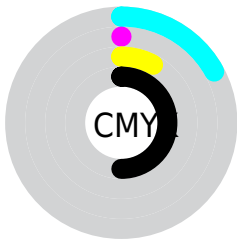
Blue (46%)



Red (41%)

Yellow (47%)

Blue (50%)

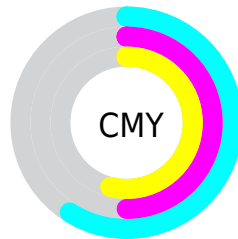


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6260, 19.4664, 19.7107 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 16.6260, 19.4664, 19.7107 by changing the saturation by 10% instead.

■ 16.6260, 19.4664,
19.7107

■ 16.6260, 19.4664,
19.7107

226.2063,
249.0116, 262.8969

■ 10.0618, 12.0078,
12.0029

■ 37.2303, 42.5207,
43.7842

■ 5.5026, 6.7490,
6.6231

■ 52.0013, 58.8852,
60.9870

■ 2.5828, 3.3056,
3.1527

■ 70.2385, 78.9871,
82.1919

■ 0.9372, 1.2933,
1.1731

■ 92.3073, 103.2108,
107.8175

■ 0.0000, 0.1360,
0.0000

118.5732,
131.9407, 138.2822

■ 0.0000, 0.0000,
0.0000

149.4014,

165.5612, 174.0046

185.1573,
204.4567, 215.4034

■ 16.6260, 19.4664,
19.7107

■ 16.6260, 19.4664,
19.7107

■ 14.9153, 18.6231,
17.9131

■ 18.5816, 20.4346,
21.6299

■ 13.4376, 17.8969,
16.2334

■ 20.7899, 21.5302,
23.6717

■ 12.1825, 17.2832,
14.6695

■ 23.2607, 22.7585,
25.8390

■ 11.1380, 16.7758,
13.2187

■ 26.0025, 24.1240,
28.1337

■ 10.2912, 16.3680,
11.8783

■ 29.0236, 25.6309,
30.5583

■ 9.6275, 16.0525,
10.6455

■ 32.3317, 27.2831,
33.1146

■ 9.1301, 15.8205,
9.5172

■ 35.9345, 29.0846,
35.8049

■ 8.7636, 15.6540,
8.4893

■ 39.8392, 31.0390,
38.6310

■ 8.6722, 15.6125,
8.2302

■ 44.0527, 33.1500,
41.5949

Harmonies

Analogous

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



17.1206, 19.4664, 17.3541



16.6260, 19.4664, 19.7107



16.6212, 19.4664, 22.6954

Triad

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



16.6260, 19.4664, 19.7107



19.0188, 19.4664, 27.2805



19.9711, 19.4664, 17.3895

Complementary

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



16.6260, 19.4664, 19.7107



16.8993, 15.8536, 18.3900

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.



20.5201, 19.4664, 19.7634



16.6260, 19.4664, 19.7107



19.9563, 19.4664, 25.5659

Square

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



16.6260, 19.4664, 19.7107



17.9762, 19.4664, 27.2630



20.5146, 19.4664, 22.7533



19.0384, 19.4664, 16.1026

Rectangle

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



16.6260, 19.4664, 19.7107



16.8951, 19.4664, 24.6545



20.5146, 19.4664, 22.7533



20.2082, 19.4664, 18.0764

Sweetspot

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



16.6265, 19.4672, 19.7111



34.1059, 37.0043, 39.5192



17.2452, 19.8625, 16.2899



7.9323, 8.6375, 9.2028



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.6265, 19.4672, 19.7111



28.4411, 34.2020, 33.9257



17.1522, 19.5265, 22.9446



4.3665, 4.8549, 5.1009



8.7451, 15.7446, 8.2963



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8993, 15.8536, 18.3900



29.0302, 26.3964, 31.0726



16.4294, 15.7857, 15.5460



4.4027, 4.3742, 4.9252



9.5898, 4.8556, 4.4297



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6260, 19.4664, 19.7107 looks on a white 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

Black Background



This preview shows how the XYZ color 16.6260, 19.4664, 19.7107 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

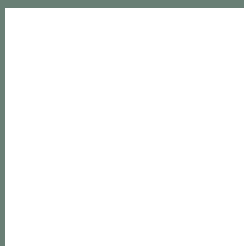
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6260, 19.4664, 19.7107

Background



This preview shows how black text looks on a background with the XYZ color 16.6260, 19.4664, 19.7107.



This preview shows how white text looks on a background with the XYZ color 16.6260, 19.4664,

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

16.6260, 19.4664, 19.7107

Protanopia

18.4788, 19.3253, 18.6758

Deuteranopia

19.7999, 19.4397, 20.1614



Tritanopia

17.6951, 19.3247, 25.3517

Trichromacy



Original Color

16.6260, 19.4664, 19.7107

Protanomaly

17.6487, 19.2553, 19.0061

Deuteranomaly

18.4196, 19.2678, 19.8878

Tritanomaly

17.2933, 19.3515, 23.2458

Monochromacy



Original Color

16.6260, 19.4664, 19.7107

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.1690, 18.8045, 19.8643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6260, 19.4664, 19.7107 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(105, 127, 117)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 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(105, 127, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.6260, 19.4664, 19.7107 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(105, 127, 117) }
```


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

```
.border{ border-color:rgb(105, 127, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 127, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 117);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6260, 19.4664, 19.7107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 117) }
```

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

```
.background{ background-color: rgb(105,  
127, 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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