

Converting Colors

XYZ(16.0512, 19.1774, 19.3096)

Have a look what the booklet for
XYZ(16.0512, 19.1774, 19.3096)
contains.

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Color

**XYZ(16.1086, 19.2064,
19.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	657F74
RGB	101, 127, 116
RGB Percent	40%, 50%, 45%
CMY	0.6039, 0.5020, 0.5451
CMYK	0.20, 0.00, 0.09, 0.50
HSL	155°, 11%, 45%
HSV	155°, 20%, 50%
XYZ	16.1086, 19.2064, 19.3812
YIQ	117.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

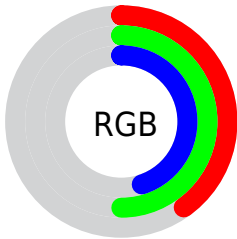
Format	Color
R_{YB}	101, 117, 127
Decimal	6651764
CIE Lab	50.93, -11.78, 2.89
CIE LCh	51, 12.130, 166.226
Yxy	19.2064, 0.2945, 0.3511
Android (android.graphics.Color)	4284841844 (0xFF657F74)
YUV	117.9720, -0.9722, -14.8844
Hunter-Lab	43.8251, -11.0835, 4.4572

Details

The XYZ color **16.1086, 19.2064, 19.3812** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3314, 14.9898, 17.3626**, and the grayscale version is **17.2172, 18.1138, 19.7260**.

A 20% lighter version of the original color is **36.3380, 42.1451, 43.2654**, and **5.2891, 6.6504, 6.4737** is the 20% darker color. If you saturate the color by 10%, you get **14.4915, 18.4084, 17.7209**, and if you desaturate by 10%, it is **17.9646, 20.1266, 21.1479**.

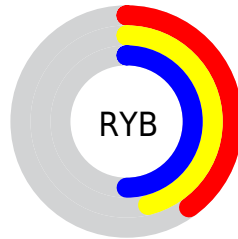
Distribution



Red (40%)

Green (50%)

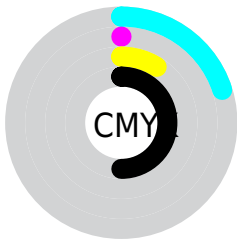
Blue (45%)



Red (40%)

Yellow (46%)

Blue (50%)

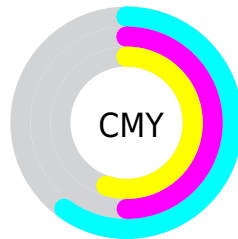


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (50%)



Cyan (60%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1086, 19.2064, 19.3812 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 16.1086, 19.2064, 19.3812 by changing the saturation by 10% instead.

■ 16.1086, 19.2064,
19.3812

■ 16.1086, 19.2064,
19.3812

223.2395,
247.5858, 261.0377

■ 9.6924, 11.8195,
11.7665

■ 36.3426, 42.0826,
43.2225

■ 5.2562, 6.6209,
6.4643

■ 50.8910, 58.3407,
60.2861

■ 2.4346, 3.2262,
3.0561

■ 68.8809, 78.3246,
81.3365

■ 0.8624, 1.2509,
1.1233

■ 90.6776, 102.4188,
106.7920

■ 0.0000, 0.1027,
0.0000

116.6464,
131.0076, 137.0714

■ 0.0000, 0.0000,
0.0000

147.1528,

164.4754, 172.5931

182.5620,
203.2067, 213.7757

■ 16.1086, 19.2064,
19.3812

■ 16.1086, 19.2064,
19.3812

■ 14.4915, 18.4084,
17.7209

■ 17.9646, 20.1266,
21.1479

■ 13.1014, 17.7248,
16.1637

■ 20.0677, 21.1714,
23.0216

■ 11.9277, 17.1507,
14.7079

■ 22.4275, 22.3465,
25.0049

■ 10.9582, 16.6799,
13.3511

■ 25.0527, 23.6562,
27.0995

■ 10.1795, 16.3056,
12.0912

■ 27.9516, 25.1048,
29.3073

■ 9.5765, 16.0199,
10.9255

■ 31.1320, 26.6962,
31.6301

■ 9.1317, 15.8139,
9.8514

■ 34.6016, 28.4345,
34.0696

■ 8.8011, 15.6640,
8.9092

■ 38.3677, 30.3232,
36.6275

■ 42.4371, 32.3661,
39.3054

Harmonies

Analogous

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



16.6423, 19.2064, 16.6736



16.1086, 19.2064, 19.3812



16.1321, 19.2064, 22.8100

Triad

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



16.1086, 19.2064, 19.3812



18.9062, 19.2064, 27.9056



19.8950, 19.2064, 16.5027

Complementary

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



16.1086, 19.2064, 19.3812



16.3314, 14.9898, 17.3626

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.



20.5567, 19.2064, 19.1233



16.1086, 19.2064, 19.3812



19.9689, 19.2064, 25.8150

Square

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



16.1086, 19.2064, 19.3812



17.7123, 19.2064, 27.9942



20.5843, 19.2064, 22.5224



18.8089, 19.2064, 15.1388

Rectangle

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



16.1086, 19.2064, 19.3812



16.4597, 19.2064, 25.0572



20.5843, 19.2064, 22.5224



20.1765, 19.2064, 17.2521

Sweetspot

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



16.1091, 19.2072, 19.3816



33.7444, 36.8225, 39.2983



16.6551, 19.5814, 15.2140



7.8552, 8.5986, 9.1602



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.



16.1091, 19.2072, 19.3816



27.3107, 33.6350, 33.1599



16.5657, 19.0347, 22.8806



4.3719, 4.8571, 5.1294



8.8751, 15.7966, 8.9811



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3314, 14.9898, 17.3626



27.7913, 24.5221, 28.7989



15.9257, 15.0996, 14.3874



4.3974, 4.3721, 4.8971



9.4917, 4.8164, 3.9130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1086, 19.2064, 19.3812 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 16.1086, 19.2064, 19.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

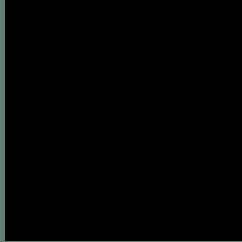
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.1086, 19.2064, 19.3812

Background



This preview shows how black text looks on a background with the XYZ color 16.1086, 19.2064, 19.3812.



This preview shows how white text looks on a background with the XYZ color 16.1086, 19.2064,

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

16.1086, 19.2064, 19.3812

Protanopia

18.2194, 19.2046, 18.0758

Deuteranopia

19.4628, 19.0989, 19.8002



Tritanopia

17.2196, 19.0796, 25.3294

Trichromacy



Original Color

16.1086, 19.2064, 19.3812

Protanomaly

17.2661, 19.0712, 18.3939

Deuteranomaly

18.0743, 19.0967, 19.5630

Tritanomaly

16.7579, 19.0831, 22.8788

Monochromacy



Original Color

16.1086, 19.2064, 19.3812

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7303, 18.4038, 19.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1086, 19.2064, 19.3812 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(101, 127, 116)` looks like.

```
.text, #text, p{  
    color:rgb(101, 127, 116)  
}
```

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(101, 127, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 127, 116) }
```

Border

The CSS property to change the border of an element to XYZ 16.1086, 19.2064, 19.3812 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(101, 127, 116) }
```


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

```
.border{ border-color:rgb(101, 127, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 127, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 127, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 127, 116);  
box-shadow:4px 4px 4px 4px rgb(101, 127,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1086, 19.2064, 19.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 127, 116) }
```

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

```
.background{ background-color: rgb(101,  
127, 116) }
```

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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