

Converting Colors

XYZ(16.9365, 19.4699, 18.1923)

Have a look what the booklet for
XYZ(16.9365, 19.4699, 18.1923)
contains.

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Color

**XYZ(16.9410, 19.4711,
18.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7E70
RGB	111, 126, 112
RGB Percent	44%, 49%, 44%
CMY	0.5647, 0.5059, 0.5608
CMYK	0.12, 0.00, 0.11, 0.51
HSL	124°, 6%, 46%
HSV	124°, 12%, 49%
XYZ	16.9410, 19.4711, 18.1946
YIQ	119.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

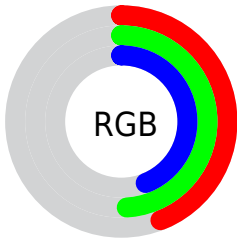
Format	Color
R_{YB}	111, 125, 126
Decimal	7306864
CIE _{Lab}	51.23, -8.41, 5.76
CIE _{LCh}	51, 10.197, 145.605
Yxy	19.4711, 0.3102, 0.3566
Android (android.graphics.Color)	4285496944 (0xFF6F7E70)
YUV	119.9190, -3.9041, -7.8220
Hunter-Lab	44.1261, -8.6904, 6.4411

Details

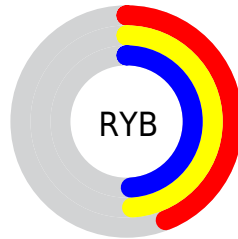
The XYZ color **16.9410, 19.4711, 18.1946** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9910, 17.2856, 21.7912**, and the grayscale version is **17.8402, 18.7693, 20.4398**.

A 20% lighter version of the original color is **37.9252, 42.7071, 41.3664**, and **5.6292, 6.7347, 5.8537** is the 20% darker color. If you saturate the color by 10%, you get **14.8535, 18.4663, 14.8993**, and if you desaturate by 10%, it is **19.3388, 20.6271, 21.9518**.

Distribution



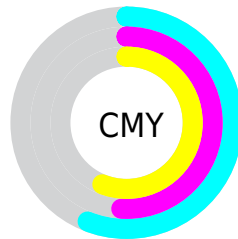
- Red (44%)
- Green (49%)
- Blue (44%)



- Red (44%)
- Yellow (49%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9410, 19.4711, 18.1946 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 16.9410, 19.4711, 18.1946 by changing the saturation by 10% instead.

■ 16.9410, 19.4711,
18.1946

■ 16.9410, 19.4711,
18.1946

227.9950,
249.0373, 254.2385

■ 10.2875, 12.0112,
10.9189

■ 37.7687, 42.5286,
41.1870

■ 5.6537, 6.7513,
5.8988

■ 52.6736, 58.8951,
57.7409

■ 2.6743, 3.3071,
2.7159

■ 71.0597, 78.9991,
78.2245

■ 0.9840, 1.2941,
0.9514

■ 93.2923, 103.2251,
103.0565

■ 0.0000, 0.1366,
0.0000

119.7368,
131.9576, 132.6553

■ 0.0000, 0.0000,
0.0000

150.7585,

165.5808, 167.4396

186.7228,
204.4793, 207.8278

■ 16.9410, 19.4711,
18.1946

■ 16.9410, 19.4711,
18.1946

■ 14.8535, 18.4663,
14.8993

■ 19.3388, 20.6271,
21.9518

■ 13.0620, 17.6040,
12.0467

■ 22.0572, 21.9376,
26.1863

■ 11.5538, 16.8787,
9.6185

■ 25.1080, 23.4088,
30.9146

■ 10.3141, 16.2831,
7.5944

■ 28.5019, 25.0460,
36.1518

■ 9.3274, 15.8098,
5.9524

■ 32.2490, 26.8541,
41.9124

■ 8.5760, 15.4500,
4.6685

■ 36.3592, 28.8379,
48.2106

■ 8.0403, 15.1944,
3.7161

■ 40.8420, 31.0019,
55.0597

■ 7.6974, 15.0317,
3.0646

■ 45.7063, 33.3505,
62.4727

■ 7.5073, 14.9409,
2.7295

■ 50.9610, 35.8880,
70.4621

Harmonies

Analogous

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



17.6752, 19.4711, 16.5449



16.9410, 19.4711, 18.1946



16.6264, 19.4711, 20.7749

Triad

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



16.9410, 19.4711, 18.1946



18.3574, 19.4711, 27.2829



20.3249, 19.4711, 18.8735

Complementary

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



16.9410, 19.4711, 18.1946



17.9910, 17.2856, 21.7912

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.



20.5237, 19.4711, 21.6324



16.9410, 19.4711, 18.1946



19.3639, 19.4711, 26.6571

Square

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



16.9410, 19.4711, 18.1946



17.4249, 19.4711, 26.1607



20.1660, 19.4711, 24.5210



19.6324, 19.4711, 16.9109

Rectangle

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



16.9410, 19.4711, 18.1946



16.6881, 19.4711, 22.7417



20.1660, 19.4711, 24.5210



20.4528, 19.4711, 19.7310

Sweetspot

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



16.9415, 19.4719, 18.1950



33.0684, 35.8386, 37.1210



18.7884, 20.4304, 17.9923



7.4576, 8.1210, 8.3432



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.



16.9415, 19.4719, 18.1950



28.8805, 33.8208, 30.5482



17.3769, 19.6461, 20.4875



4.2868, 4.8230, 4.6814



7.7007, 15.3269, 2.7967



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9910, 17.2856, 21.7912



31.0677, 29.2640, 38.0429



17.5296, 17.1010, 19.3616



4.4862, 4.4076, 5.3647



12.1567, 5.8824, 17.9467



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9410, 19.4711, 18.1946 looks on a white background.

Color Contrast Check

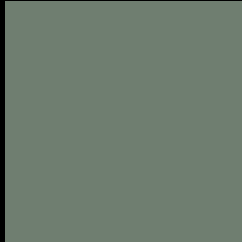
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9410, 19.4711, 18.1946 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

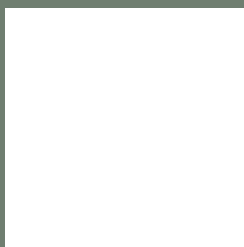
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9410, 19.4711, 18.1946

Background



This preview shows how black text looks on a background with the XYZ color 16.9410, 19.4711, 18.1946.

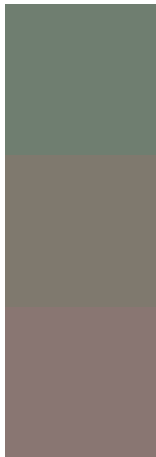


This preview shows how white text looks on a background with the XYZ color 16.9410, 19.4711,

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

16.9410, 19.4711, 18.1946

Protanopia

18.4042, 19.3126, 17.5095

Deuteranopia

19.8322, 19.4901, 18.6363



Tritanopia

18.2560, 19.4368, 24.9798

Trichromacy



Original Color

16.9410, 19.4711, 18.1946

Protanomaly

17.8374, 19.3786, 17.8392

Deuteranomaly

18.7201, 19.4562, 18.3915

Tritanomaly

17.7194, 19.4067, 22.2140

Monochromacy



Original Color

16.9410, 19.4711, 18.1946

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5065, 18.9853, 19.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9410, 19.4711, 18.1946 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, 126, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 126, 112)  
}
```

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, 126, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 126, 112) }
```

Border

The CSS property to change the border of an element to XYZ 16.9410, 19.4711, 18.1946 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, 126, 112) }
```


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

```
.border{ border-color:rgb(111, 126, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 126, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 126, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 126, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 126,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9410, 19.4711, 18.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 126, 112) }
```

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

```
.background{ background-color: rgb(111,  
126, 112) }
```

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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