

Converting Colors

XYZ(16.0693, 18.1394, 16.0189)

Have a look what the booklet for
XYZ(16.0693, 18.1394, 16.0189)
contains.

XYZ(16.0693, 18.1394, 16.0189)	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(16.0693, 18.1394,
16.0189)**

Conversions

Conversions Part 1

Format	Color
Hex	707969
RGB	112, 121, 105
RGB Percent	44%, 47%, 41%
CMY	0.5608, 0.5255, 0.5882
CMYK	0.07, 0.00, 0.13, 0.53
HSL	94°, 7%, 44%
HSV	94°, 13%, 47%
XYZ	16.0693, 18.1394, 16.0189
YIQ	116.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

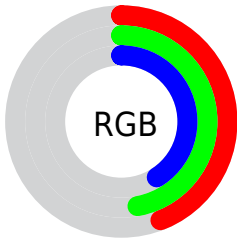
Format	Color
RYB	105, 121, 114
Decimal	7371113
CIELab	49.66, -6.56, 7.63
CIELCh	50, 10.067, 130.685
Yxy	18.1394, 0.3199, 0.3611
Android (android.graphics.Color)	4285561193 (0xFF707969)
YUV	116.4850, -5.6621, -3.9333
Hunter-Lab	42.5904, -7.1853, 7.5134

Details

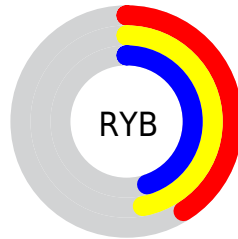
The XYZ color **16.0693, 18.1394, 16.0189** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4428, 15.0615, 20.1833**, and the grayscale version is **16.7668, 17.6400, 19.2100**.

A 20% lighter version of the original color is **36.2542, 40.1800, 37.2972**, and **5.2606, 6.1606, 4.9148** is the 20% darker color. If you saturate the color by 10%, you get **14.6576, 17.4790, 12.9341**, and if you desaturate by 10%, it is **17.6360, 18.8705, 19.5737**.

Distribution



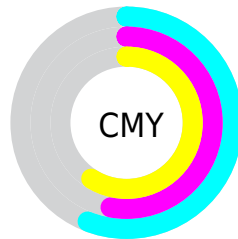
- Red (44%)
- Green (47%)
- Blue (41%)



- Red (41%)
- Yellow (47%)
- Blue (45%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0693, 18.1394, 16.0189 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 16.0693, 18.1394, 16.0189 by changing the saturation by 10% instead.

■ 16.0693, 18.1394,
16.0189

■ 16.0693, 18.1394,
16.0189

223.0127,
241.6556, 241.3027

■ 9.6644, 11.0501,
9.3830

■ 36.2749, 40.2747,
37.3983

■ 5.2375, 6.1006,
4.8916

■ 50.8064, 56.0895,
52.9788

■ 2.4235, 2.9063,
2.1262

■ 68.7773, 75.5817,
72.3780

■ 0.8568, 1.0830,
0.6313

■ 90.5532, 99.1355,
96.0144

■ 0.0000, 0.0000,
0.0000

116.4993,
127.1354, 124.3066

146.9810,

159.9658, 157.6730

182.3637,
198.0111, 196.5322

■ 16.0693, 18.1394,
16.0189

■ 16.0693, 18.1394,
16.0189

■ 14.6576, 17.4790,
12.9341

■ 17.6360, 18.8705,
19.5737

■ 13.3943, 16.8848,
10.2985

■ 19.3611, 19.6722,
23.6158

■ 12.2744, 16.3551,
8.0915

■ 21.2498, 20.5471,
28.1632

■ 11.2920, 15.8876,
6.2902

■ 23.3065, 21.4973,
33.2324

■ 10.4409, 15.4793,
4.8699

■ 25.5355, 22.5246,
38.8393

■ 9.7141, 15.1275,
3.8030

■ 27.9409, 23.6309,
44.9992

■ 9.1040, 14.8289,
3.0583

■ 30.5268, 24.8177,
51.7265

■ 8.6012, 14.5794,
2.5962

■ 33.2969, 26.0868,
59.0353

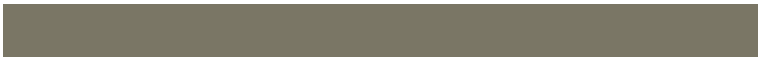
■ 8.3024, 14.4305,
2.3478

■ 36.2549, 27.4399,
66.9393

Harmonies

Analogous

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



16.9021, 18.1394, 15.0127



16.0693, 18.1394, 16.0189



15.5625, 18.1394, 18.0588

Triad

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



16.0693, 18.1394, 16.0189



16.6396, 18.1394, 25.1516



19.1126, 18.1394, 18.7899

Complementary

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



16.0693, 18.1394, 16.0189



15.4428, 15.0615, 20.1833

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.



19.0360, 18.1394, 21.5451



16.0693, 18.1394, 16.0189



17.5843, 18.1394, 25.3934

Square

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



16.0693, 18.1394, 16.0189



15.8833, 18.1394, 23.3882



18.4682, 18.1394, 24.0213



18.6739, 18.1394, 16.5114

Rectangle

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



16.0693, 18.1394, 16.0189



15.4661, 18.1394, 19.8138



18.4682, 18.1394, 24.0213



19.1466, 18.1394, 19.6878

Sweetspot

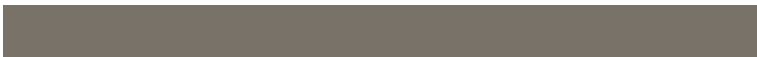
The Sweet Spot groups the original color and five complimentary colors.



16.0698, 18.1402, 16.0193



31.3230, 33.6709, 34.4579



16.4304, 17.0751, 15.7947



7.1195, 7.6791, 7.7811



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.



16.0698, 18.1402, 16.0193



27.9429, 32.0935, 26.8413



15.2547, 17.7152, 16.1969



4.1018, 4.5278, 4.2822



8.8843, 15.4572, 2.5153



41.4367, 73.2468, 11.9541

Inverse Universe

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



15.4428, 15.0615, 20.1833



26.5796, 25.3997, 35.8946



16.3397, 15.5295, 19.9702



3.9932, 3.9944, 5.0037



6.2452, 2.7923, 19.5951



28.7999, 12.8089, 93.4242

Previews

White Background



This preview shows how the XYZ color 16.0693, 18.1394, 16.0189 looks on a white background.

Color Contrast Check

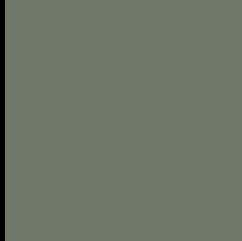
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0693, 18.1394, 16.0189 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

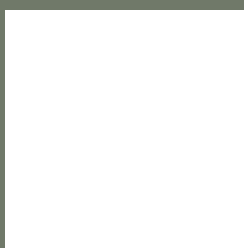
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0693, 18.1394, 16.0189

Background



This preview shows how black text looks on a background with the XYZ color 16.0693, 18.1394, 16.0189.

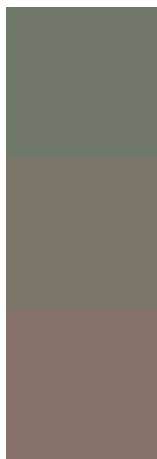


This preview shows how white text looks on a background with the XYZ color 16.0693, 18.1394,

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

16.0693, 18.1394, 16.0189

Protanopia

17.0950, 18.1471, 15.4337

Deuteranopia

18.4503, 18.1436, 16.1653



Tritanopia

17.3794, 18.1340, 22.6629

Trichromacy



Original Color

16.0693, 18.1394, 16.0189

Protanomaly

16.7033, 18.1151, 15.7129

Deuteranomaly

17.5670, 18.1988, 16.2225

Tritanomaly

16.8660, 18.1030, 20.0581

Monochromacy



Original Color

16.0693, 18.1394, 16.0189

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4733, 17.7716, 17.8913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0693, 18.1394, 16.0189 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(112, 121, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 121, 105)  
}
```

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(112, 121, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 121, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.0693, 18.1394, 16.0189 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(112, 121, 105) }
```


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

```
.border{ border-color:rgb(112, 121, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 121, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 121, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 121, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 121,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0693, 18.1394, 16.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 121, 105) }
```

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

```
.background{ background-color: rgb(112,  
121, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor