

Converting Colors

XYZ(16.3457, 18.9460, 14.3820)

Have a look what the booklet for
XYZ(16.3457, 18.9460, 14.3820)
contains.

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Color

**XYZ(16.3517, 18.8746,
14.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	727C62
RGB	114, 124, 98
RGB Percent	45%, 49%, 38%
CMY	0.5529, 0.5137, 0.6157
CMYK	0.08, 0.00, 0.21, 0.51
HSL	83°, 12%, 44%
HSV	83°, 21%, 49%
XYZ	16.3517, 18.8746, 14.3366
YIQ	118.0460, 2.3860, -10.2060

Conversions

Conversions Part 2

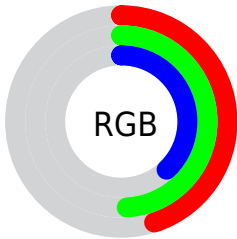
Format	Color
RYB	98, 124, 108
Decimal	7502946
CIELab	50.54, -8.73, 12.98
CIELCh	51, 15.637, 123.918
Yxy	18.8746, 0.3299, 0.3808
Android (android.graphics.Color)	4285693026 (0xFF727C62)
YUV	118.0460, -9.8827, -3.5483
Hunter-Lab	43.4449, -8.8451, 10.8460

Details

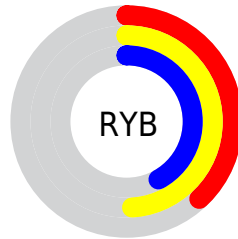
The XYZ color **16.3517, 18.8746, 14.3366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1909, 13.3793, 20.9044**, and the grayscale version is **17.2642, 18.1633, 19.7798**.

A 20% lighter version of the original color is **36.8728, 41.7212, 34.5434**, and **5.3604, 6.4294, 4.0904** is the 20% darker color. If you saturate the color by 10%, you get **15.2067, 18.3474, 11.4599**, and if you desaturate by 10%, it is **17.6208, 19.4564, 17.6934**.

Distribution



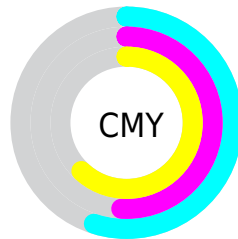
- Red (45%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (49%)
- Blue (42%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3517, 18.8746, 14.3366 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 16.3517, 18.8746, 14.3366 by changing the saturation by 10% instead.

■ 16.3517, 18.8746,
14.3366

■ 16.3517, 18.8746,
14.3366

224.6380,
245.7556, 230.8157

■ 9.8658, 11.5797,
8.2137

■ 36.7602, 41.5221,
34.4108

■ 5.3716, 6.4582,
4.1423

■ 51.4136, 57.6435,
49.1992

■ 2.5039, 3.1256,
1.7037

■ 69.5201, 77.4758,
67.7131

■ 0.8972, 1.1977,
0.3633

■ 91.4452, 101.4035,
90.3712

■ 0.0000, 0.0598,
0.0000

117.5541,
129.8109, 117.5920

■ 0.0000, 0.0000,
0.0000

148.2124,

163.0825, 149.7940

183.7852,
201.6026, 187.3957

■ 16.3517, 18.8746,
14.3366

■ 16.3517, 18.8746,
14.3366

■ 15.2067, 18.3474,
11.4599

■ 17.6208, 19.4564,
17.6934

■ 14.1797, 17.8705,
9.0402

■ 19.0168, 20.0922,
21.5498

■ 13.2662, 17.4425,
7.0542

■ 20.5445, 20.7845,
25.9253

■ 12.4608, 17.0614,
5.4762

■ 22.2077, 21.5349,
30.8384

■ 11.7574, 16.7246,
4.2775

■ 24.0102, 22.3450,
36.3065

■ 11.1495, 16.4295,
3.4260

■ 25.9557, 23.2162,
42.3461

■ 10.6295, 16.1728,
2.8841

■ 28.0475, 24.1500,
48.9734

■ 10.2124, 15.9649,
2.5433

■ 30.2889, 25.1478,
56.2034

■ 32.6833, 26.2110,
64.0511

Harmonies

Analogous

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



17.7400, 18.8746, 13.2556



16.3517, 18.8746, 14.3366



15.4312, 18.8746, 17.0735

Triad

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



16.3517, 18.8746, 14.3366



16.6803, 18.8746, 29.0608



21.0293, 18.8746, 19.9824

Complementary

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



16.3517, 18.8746, 14.3366



14.1909, 13.3793, 20.9044

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.



20.7064, 18.8746, 24.4718



16.3517, 18.8746, 14.3366



18.1410, 18.8746, 30.1270

Square

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



16.3517, 18.8746, 14.3366



15.6132, 18.8746, 25.6062



19.6274, 18.8746, 28.3435



20.4866, 18.8746, 16.2096

Rectangle

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



16.3517, 18.8746, 14.3366



15.1773, 18.8746, 19.6736



19.6274, 18.8746, 28.3435



21.0186, 18.8746, 21.4546

Sweetspot

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



16.3522, 18.8754, 14.3370



32.1639, 34.7646, 34.2979



15.8766, 15.8857, 13.7850



7.5459, 8.1743, 7.9972



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.



16.3522, 18.8754, 14.3370



27.8159, 32.7734, 22.7847



14.7834, 18.0667, 14.2636



4.1654, 4.5606, 4.2852



10.3784, 16.2275, 2.5852



48.5336, 76.9054, 12.2862

Inverse Universe

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



14.1909, 13.3793, 20.9044



23.3207, 21.3404, 36.4466



15.8870, 14.2536, 20.9838



3.9299, 3.9617, 5.0007



4.9206, 2.1094, 19.5331



22.5843, 9.6046, 93.1333

Previews

White Background



This preview shows how the XYZ color 16.3517, 18.8746, 14.3366 looks on a white background.

Color Contrast Check

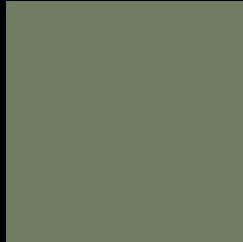
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3517, 18.8746, 14.3366 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

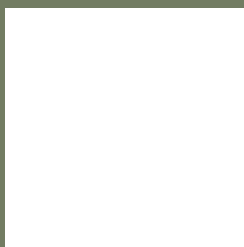
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3517, 18.8746, 14.3366

Background



This preview shows how black text looks on a background with the XYZ color 16.3517, 18.8746, 14.3366.



This preview shows how white text looks on a background with the XYZ color 16.3517, 18.8746,

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

16.3517, 18.8746, 14.3366

Protanopia

17.7299, 18.8667, 13.7735

Deuteranopia

19.1931, 18.8998, 14.6930



Tritanopia

18.2867, 18.9399, 23.4608

Trichromacy



Original Color

16.3517, 18.8746, 14.3366

Protanomaly

17.1634, 18.7488, 14.0235

Deuteranomaly

18.0549, 18.8403, 14.4893

Tritanomaly

17.4435, 18.7647, 19.8421

Monochromacy



Original Color

16.3517, 18.8746, 14.3366

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9218, 18.3625, 17.6914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3517, 18.8746, 14.3366 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(114, 124, 98)` looks like.

```
.text, #text, p{  
    color:rgb(114, 124, 98)  
}
```

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(114, 124, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 124, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.3517, 18.8746, 14.3366 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(114, 124, 98) }
```


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

```
.border{ border-color:rgb(114, 124, 98) }
```

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

Here you see how a box with a 4 pixel rgb(114, 124, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 124, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 124, 98);  
box-shadow:4px 4px 4px 4px rgb(114, 124,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3517, 18.8746, 14.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 124, 98) }
```

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

```
.background{ background-color: rgb(114,  
124, 98) }
```

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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