

Converting Colors

XYZ(14.8920, 18.1370, 17.5939)

Have a look what the booklet for
XYZ(14.8920, 18.1370, 17.5939)
contains.

XYZ(14.8460, 18.0279, 17.4491)	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(14.8460, 18.0279,
17.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	607C6E
RGB	96, 124, 110
RGB Percent	38%, 49%, 43%
CMY	0.6235, 0.5137, 0.5686
CMYK	0.23, 0.00, 0.11, 0.51
HSL	150°, 13%, 43%
HSV	150°, 23%, 49%
XYZ	14.8460, 18.0279, 17.4491
YIQ	114.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

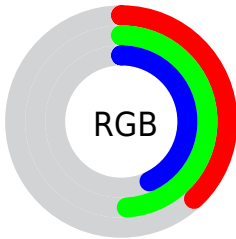
Format	Color
R_{YB}	96, 115, 124
Decimal	6323310
CIE _{Lab}	49.53, -13.18, 4.35
CIE _{LCh}	50, 13.882, 161.746
Yxy	18.0279, 0.2950, 0.3582
Android (android.graphics.Color)	4284513390 (0xFF607C6E)
YUV	114.0320, -1.9878, -15.8141
Hunter-Lab	42.4593, -11.8907, 5.3556

Details

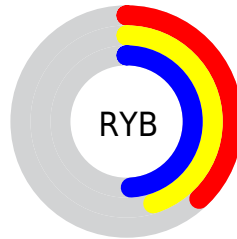
The XYZ color **14.8460, 18.0279, 17.4491** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.3102, 13.7771, 16.6050**, and the grayscale version is **16.0126, 16.8465, 18.3459**.

A 20% lighter version of the original color is **34.2763, 40.2560, 40.1460**, and **4.6522, 6.0329, 5.4767** is the 20% darker color. If you saturate the color by 10%, you get **13.3171, 17.2779, 15.6767**, and if you desaturate by 10%, it is **16.6054, 18.8950, 19.3564**.

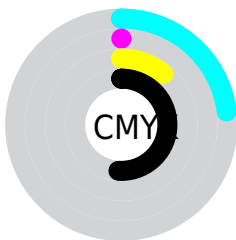
Distribution



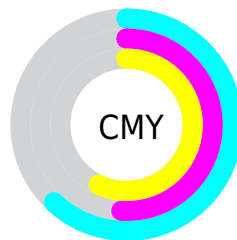
- Red (38%)
- Green (49%)
- Blue (43%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8460, 18.0279, 17.4491 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 14.8460, 18.0279, 17.4491 by changing the saturation by 10% instead.

■ 14.8460, 18.0279,
17.4491

■ 14.8460, 18.0279,
17.4491

215.8391,
241.0283, 249.8783

■ 8.7970, 10.9700,
10.3899

■ 34.1567, 40.0849,
39.8975

■ 4.6650, 6.0467,
5.5492

■ 48.1490, 55.8527,
56.1238

■ 2.0848, 2.8735,
2.5087

■ 65.5199, 75.2927,
76.2428

■ 0.6809, 1.0660,
0.8447

■ 86.6346, 98.7892,
100.6731

■ 0.0000, 0.0000,
0.0000

111.8585,
126.7266, 129.8333

141.5570,

159.4893, 164.1418

176.0954,
197.4618, 204.0173

■ 14.8460, 18.0279,
17.4491

■ 14.8460, 18.0279,
17.4491

■ 13.3171, 17.2779,
15.6767

■ 16.6054, 18.8950,
19.3564

■ 12.0070, 16.6375,
14.0350

■ 18.6032, 19.8817,
21.4003

■ 10.9054, 16.1019,
12.5213

■ 20.8488, 20.9934,
23.5839

■ 10.0004, 15.6652,
11.1324

■ 23.3508, 22.2343,
25.9100

■ 9.2789, 15.3206,
9.8649

■ 26.1170, 23.6085,
28.3812

■ 8.7260, 15.0604,
8.7152

■ 29.1553, 25.1200,
30.9999

■ 8.3242, 14.8758,
7.6796

■ 32.4729, 26.7724,
33.7687

■ 8.0774, 14.7638,
6.9810

■ 36.0769, 28.5695,
36.6900

■ 39.9742, 30.5145,
39.7662

Harmonies

Analogous

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



15.5073, 18.0279, 14.7108



14.8460, 18.0279, 17.4491



14.7786, 18.0279, 21.1394

Triad

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



14.8460, 18.0279, 17.4491



17.6544, 18.0279, 27.5994



19.0899, 18.0279, 15.1952

Complementary

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



14.8460, 18.0279, 17.4491



15.3102, 13.7771, 16.6050

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.



19.7293, 18.0279, 18.1930



14.8460, 18.0279, 17.4491



18.8727, 18.0279, 25.5376

Square

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



14.8460, 18.0279, 17.4491



16.3558, 18.0279, 27.3334



19.6479, 18.0279, 21.9840



17.9386, 18.0279, 13.5287

Rectangle

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



14.8460, 18.0279, 17.4491



15.0751, 18.0279, 23.6876



19.6479, 18.0279, 21.9840



19.3744, 18.0279, 16.0633

Sweetspot

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



14.8465, 18.0287, 17.4495



31.0708, 34.1627, 35.9786



15.8082, 18.6057, 13.8247



7.2817, 8.0281, 8.4368



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.



14.8465, 18.0287, 17.4495



24.7142, 31.0315, 29.0982



15.6408, 18.3464, 21.6322



4.0267, 4.4803, 4.6742



8.2098, 15.0076, 7.0895



38.7318, 71.4157, 31.5552

Inverse Universe

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



15.3102, 13.7771, 16.6050



25.6784, 22.1904, 27.3420



14.6285, 13.5044, 13.0152



4.0741, 4.0454, 4.5878



9.3329, 4.7093, 5.0438



44.0891, 22.2920, 21.7968

Previews

White Background



This preview shows how the XYZ color 14.8460, 18.0279, 17.4491 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 14.8460, 18.0279, 17.4491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

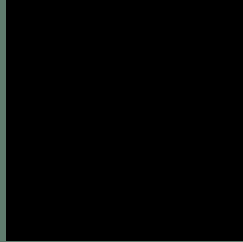
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

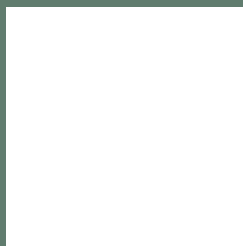
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8460, 18.0279, 17.4491

Background



This preview shows how black text looks on a background with the XYZ color 14.8460, 18.0279, 17.4491.

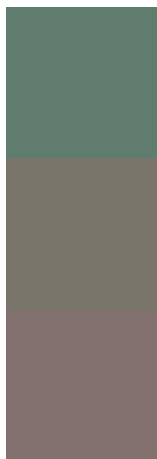


This preview shows how white text looks on a background with the XYZ color 14.8460, 18.0279,

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

14.8460, 18.0279, 17.4491

Protanopia

16.9888, 17.9008, 16.1955

Deuteranopia

18.1898, 17.8054, 17.8073



Tritanopia

16.1896, 18.0228, 24.0982

Trichromacy



Original Color

14.8460, 18.0279, 17.4491

Protanomaly

16.1804, 18.0052, 16.5325

Deuteranomaly

16.7017, 17.7218, 17.5793

Tritanomaly

15.6803, 18.0018, 21.3871

Monochromacy



Original Color

14.8460, 18.0279, 17.4491

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5225, 17.2749, 18.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8460, 18.0279, 17.4491 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(96, 124, 110) looks like.

```
.text, #text, p{  
    color:rgb(96, 124, 110)  
}
```

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(96, 124, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 124, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.8460, 18.0279, 17.4491 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(96, 124, 110) }
```


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

```
.border{ border-color:rgb(96, 124, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 124, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 124, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 124, 110);  
box-shadow:4px 4px 4px 4px rgb(96, 124,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8460, 18.0279, 17.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 124, 110) }
```

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

```
.background{ background-color: rgb(96, 124,  
110) }
```

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