

Converting Colors

XYZ(14.8319, 18.8610, 15.9721)

Have a look what the booklet for
XYZ(14.8319, 18.8610, 15.9721)
contains.

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Color

**XYZ(14.8340, 18.8175,
15.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8068
RGB	94, 128, 104
RGB Percent	37%, 50%, 41%
CMY	0.6314, 0.4980, 0.5922
CMYK	0.27, 0.00, 0.19, 0.50
HSL	138°, 15%, 44%
HSV	138°, 27%, 50%
XYZ	14.8340, 18.8175, 15.9470
YIQ	115.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

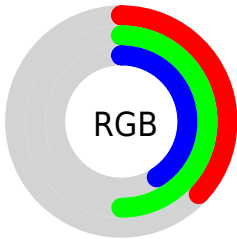
Format	Color
R_{YB}	94, 120, 128
Decimal	6193256
CIE _{Lab}	50.47, -17.32, 9.19
CIE _{LCh}	50, 19.605, 152.062
Yxy	18.8175, 0.2991, 0.3794
Android (android.graphics.Color)	4284383336 (0xFF5E8068)
YUV	115.0980, -5.4713, -18.5029
Hunter-Lab	43.3791, -14.8734, 8.5693

Details

The XYZ color **14.8340, 18.8175, 15.9470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1755, 13.9032, 18.9715**, and the grayscale version is **16.3447, 17.1959, 18.7263**.

A 20% lighter version of the original color is **34.1173, 41.4340, 37.2097**, and **4.7068, 6.4917, 4.8758** is the 20% darker color. If you saturate the color by 10%, you get **13.1941, 18.0229, 13.6016**, and if you desaturate by 10%, it is **16.7418, 19.7456, 18.5626**.

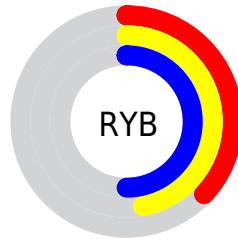
Distribution



Red (37%)

Green (50%)

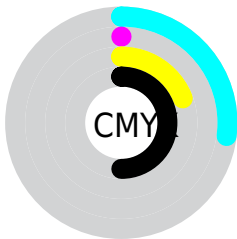
Blue (41%)



Red (37%)

Yellow (47%)

Blue (50%)

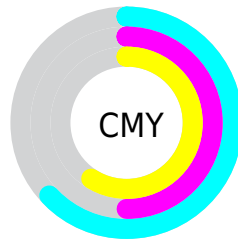


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (50%)



Cyan (63%)

Magenta (50%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8340, 18.8175, 15.9470 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 14.8340, 18.8175, 15.9470 by changing the saturation by 10% instead.

■ 14.8340, 18.8175,
15.9470

■ 14.8340, 18.8175,
15.9470

215.7676,
245.4394, 240.8638

■ 8.7885, 11.5385,
9.3327

■ 34.1358, 41.4255,
37.2717

■ 4.6595, 6.4303,
4.8591

■ 48.1227, 57.5233,
52.8191

■ 2.0816, 3.1084,
2.1075

■ 65.4876, 77.3294,
72.1814

■ 0.6792, 1.1886,
0.6202

■ 86.5957, 101.2283,
95.7770

■ 0.0000, 0.0524,
0.0000

111.8124,
129.6043, 124.0245

■ 0.0000, 0.0000,
0.0000

141.5031,

162.8419, 157.3425

176.0330,
201.3255, 196.1494

■ 14.8340, 18.8175,
15.9470

■ 14.8340, 18.8175,
15.9470

■ 13.1941, 18.0229,
13.6016

■ 16.7418, 19.7456,
18.5626

■ 11.8084, 17.3532,
11.5164

■ 18.9275, 20.8106,
21.4552

■ 10.6640, 16.8026,
9.6827

■ 21.4024, 22.0187,
24.6333

■ 9.7465, 16.3639,
8.0910

■ 24.1766, 23.3749,
28.1043

■ 9.0398, 16.0290,
6.7310

■ 27.2598, 24.8841,
31.8755

■ 8.5254, 15.7885,
5.5917

■ 30.6614, 26.5509,
35.9540

■ 8.1705, 15.6258,
4.6605

■ 34.3901, 28.3798,
40.3465

■ 8.0637, 15.5767,
4.3854

■ 38.4545, 30.3750,
45.0597

■ 42.8628, 32.5405,
50.0998

Harmonies

Analogous

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



16.0064, 18.8175, 12.8074



14.8340, 18.8175, 15.9470



14.4615, 18.8175, 20.8698

Triad

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



14.8340, 18.8175, 15.9470



18.0179, 18.8175, 32.8959



21.1809, 18.8175, 15.3989

Complementary

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



14.8340, 18.8175, 15.9470



16.1755, 13.9032, 18.9715

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.



21.8112, 18.8175, 20.1130



14.8340, 18.8175, 15.9470



19.9061, 18.8175, 30.7544

Square

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



14.8340, 18.8175, 15.9470



16.2199, 18.8175, 31.2531



21.3291, 18.8175, 25.8208



19.6613, 18.8175, 12.5328

Rectangle

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



14.8340, 18.8175, 15.9470



14.6940, 18.8175, 24.6978



21.3291, 18.8175, 25.8208



21.5085, 18.8175, 16.7879

Sweetspot

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



14.8345, 18.8183, 15.9474



32.6654, 36.3179, 36.9142



17.2614, 20.1246, 13.5647



7.5241, 8.4427, 8.4803



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.



14.8345, 18.8183, 15.9474



24.2803, 32.2398, 25.4720



15.7647, 19.1903, 20.8455



4.3240, 4.8379, 4.8776



7.9959, 15.4449, 4.3512



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1755, 13.9032, 18.9715



27.0636, 22.0325, 31.7443



15.2724, 13.5419, 14.2157



4.4459, 4.3915, 5.1528



10.6726, 5.2888, 10.1318



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8340, 18.8175, 15.9470 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 14.8340, 18.8175, 15.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

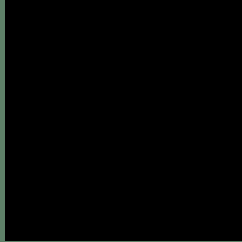
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8340, 18.8175, 15.9470

Background



This preview shows how black text looks on a background with the XYZ color 14.8340, 18.8175, 15.9470.



This preview shows how white text looks on a background with the XYZ color 14.8340, 18.8175,

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

14.8340, 18.8175, 15.9470

Protanopia

17.5013, 18.5494, 14.7146

Deuteranopia

18.9379, 18.5572, 16.4937



Tritanopia

16.7663, 18.8459, 25.3082

Trichromacy



Original Color

14.8340, 18.8175, 15.9470

Protanomaly

16.2479, 18.4361, 15.0141

Deuteranomaly

17.2031, 18.5385, 16.3073

Tritanomaly

15.9458, 18.6940, 21.5068

Monochromacy



Original Color

14.8340, 18.8175, 15.9470

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.6491, 17.7064, 17.6318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8340, 18.8175, 15.9470 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(94, 128, 104) looks like.

```
.text, #text, p{  
    color:rgb(94, 128, 104)  
}
```

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(94, 128, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 128, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.8340, 18.8175, 15.9470 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(94, 128, 104) }
```


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

```
.border{ border-color:rgb(94, 128, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 128, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 128, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 128, 104);  
box-shadow:4px 4px 4px 4px rgb(94, 128,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8340, 18.8175, 15.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 128, 104) }
```

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

```
.background{ background-color: rgb(94, 128,  
104) }
```

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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