

Converting Colors

XYZ(14.8223, 19.2777, 17.1562)

Have a look what the booklet for
XYZ(14.8223, 19.2777, 17.1562)
contains.

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Color

**XYZ(14.8476, 19.3900,
17.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	58836C
RGB	88, 131, 108
RGB Percent	35%, 51%, 42%
CMY	0.6549, 0.4863, 0.5765
CMYK	0.33, 0.00, 0.18, 0.49
HSL	148°, 20%, 43%
HSV	148°, 33%, 51%
XYZ	14.8476, 19.3900, 17.1475
YIQ	115.5210, -18.2450, -16.2690

Conversions

Conversions Part 2

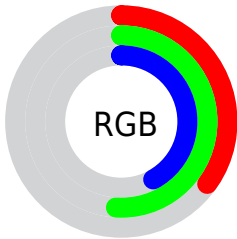
Format	Color
R_{YB}	88, 117, 131
Decimal	5800812
CIE _{Lab}	51.14, -20.12, 7.75
CIE _{LCh}	51, 21.558, 158.918
Yxy	19.3900, 0.2889, 0.3773
Android (android.graphics.Color)	4283990892 (0xFF58836C)
YUV	115.5210, -3.7079, -24.1359
Hunter-Lab	44.0341, -16.8722, 7.7355

Details

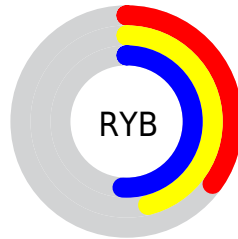
The XYZ color **14.8476, 19.3900, 17.1475** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7197, 12.9530, 16.7114**, and the grayscale version is **16.4694, 17.3271, 18.8692**.

A 20% lighter version of the original color is **34.0460, 42.2732, 39.1660**, and **4.6598, 6.6729, 5.4573** is the 20% darker color. If you saturate the color by 10%, you get **13.3592, 18.6646, 15.2089**, and if you desaturate by 10%, it is **16.5899, 20.2439, 19.2553**.

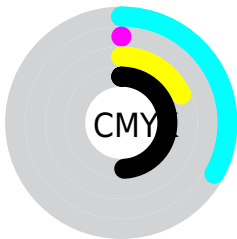
Distribution



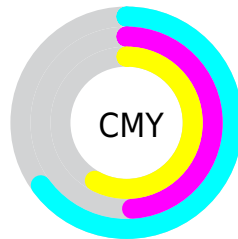
- Red (35%)
- Green (51%)
- Blue (42%)



- Red (35%)
- Yellow (46%)
- Blue (51%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (49%)



- Cyan (65%)
- Magenta (49%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8476, 19.3900, 17.1475 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 14.8476, 19.3900, 17.1475 by changing the saturation by 10% instead.

■ 14.8476, 19.3900,
17.1475

■ 14.8476, 19.3900,
17.1475

■ 215.8486,
248.5934, 248.0936

■ 8.7981, 11.9524,
10.1766

■ 34.1595, 42.3921,
39.3733

■ 4.6658, 6.7113,
5.4091

■ 48.1525, 58.7254,
55.4654

■ 2.0853, 3.2822,
2.4263

■ 65.5242, 78.7927,
75.4349

■ 0.6812, 1.2808,
0.8007

■ 86.6398, 102.9784,
99.7004

■ 0.0000, 0.1262,
0.0000

■ 111.8647,
131.6669, 128.6805

■ 0.0000, 0.0000,
0.0000

141.5642,

165.2427, 162.7938

176.1038,
204.0900, 202.4586

■ 14.8476, 19.3900,
17.1475

■ 14.8476, 19.3900,
17.1475

■ 13.3592, 18.6646,
15.2089

■ 16.5899, 20.2439,
19.2553

■ 12.1106, 18.0589,
13.4340

■ 18.5962, 21.2298,
21.5352

■ 11.0883, 17.5666,
11.8187

■ 20.8781, 22.3542,
23.9914

■ 10.2773, 17.1800,
10.3584

■ 23.4459, 23.6222,
26.6278

■ 9.6601, 16.8902,
9.0482

■ 26.3094, 25.0389,
29.4480

■ 9.2164, 16.6868,
7.8828

■ 29.4779, 26.6091,
32.4557

■ 8.9570, 16.5694,
7.1310

■ 32.9603, 28.3371,
35.6542

■ 36.7652, 30.2274,
39.0471

■ 40.9006, 32.2842,
42.6375

Harmonies

Analogous

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



15.9615, 19.3900, 13.2006



14.8476, 19.3900, 17.1475



14.6529, 19.3900, 22.9943

Triad

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



14.8476, 19.3900, 17.1475



19.0755, 19.3900, 35.0405



21.8234, 19.3900, 14.5355

Complementary

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



14.8476, 19.3900, 17.1475



15.7197, 12.9530, 16.7114

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.



22.8052, 19.3900, 19.3361



14.8476, 19.3900, 17.1475



21.1399, 19.3900, 31.6837

Square

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



14.8476, 19.3900, 17.1475



16.9875, 19.3900, 34.1415



22.5458, 19.3900, 25.6458



19.9511, 19.3900, 11.9082

Rectangle

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



14.8476, 19.3900, 17.1475



15.0545, 19.3900, 27.3453



22.5458, 19.3900, 25.6458



22.2748, 19.3900, 15.9069

Sweetspot

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



14.8481, 19.3908, 17.1479



34.3123, 38.5145, 39.6736



16.5161, 20.3599, 12.2922



7.8783, 8.9127, 9.1162



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8481, 19.3908, 17.1479



24.6568, 33.7805, 28.2196



16.0939, 19.8891, 23.7083



4.6997, 5.2381, 5.4300



8.8178, 16.3100, 7.0261



0.0342, 0.0580, 0.0434

Inverse Universe

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



15.7197, 12.9530, 16.7114



26.4575, 20.4751, 27.3144



14.7022, 12.5460, 11.3534



4.7689, 4.7273, 5.3955



10.3054, 5.1865, 6.1804



0.0394, 0.0194, 0.0408

Previews

White Background



This preview shows how the XYZ color 14.8476, 19.3900, 17.1475 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 14.8476, 19.3900, 17.1475 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 14.8476, 19.3900, 17.1475

Background



This preview shows how black text looks on a background with the XYZ color 14.8476, 19.3900, 17.1475.



This preview shows how white text looks on a background with the XYZ color 14.8476, 19.3900,

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

14.8476, 19.3900, 17.1475

Protanopia

18.1876, 19.2432, 15.5877

Deuteranopia

19.5471, 19.1886, 17.7125



Tritanopia

16.7208, 19.3646, 26.5234

Trichromacy



Original Color

14.8476, 19.3900, 17.1475

Protanomaly

16.6935, 19.1979, 16.1903

Deuteranomaly

17.3818, 18.9668, 17.4967

Tritanomaly

15.8987, 19.2200, 22.6105

Monochromacy



Original Color

14.8476, 19.3900, 17.1475

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.7619, 17.9312, 18.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8476, 19.3900, 17.1475 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(88, 131, 108)` looks like.

```
.text, #text, p{  
    color:rgb(88, 131, 108)  
}
```

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(88, 131, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 131, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.8476, 19.3900, 17.1475 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(88, 131, 108) }
```


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

```
.border{ border-color:rgb(88, 131, 108) }
```

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

Here you see how a box with a 4 pixel rgb(88, 131, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 131, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 131, 108);  
box-shadow:4px 4px 4px 4px rgb(88, 131,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8476, 19.3900, 17.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 131, 108) }
```

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

```
.background{ background-color: rgb(88, 131,  
108) }
```

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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