

Converting Colors

XYZ(14.6124, 18.8610, 17.4647)

Have a look what the booklet for
XYZ(14.6124, 18.8610, 17.4647)
contains.

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Color

**XYZ(14.6351, 18.8793,
17.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	58816D
RGB	88, 129, 109
RGB Percent	35%, 51%, 43%
CMY	0.6549, 0.4941, 0.5725
CMYK	0.32, 0.00, 0.16, 0.49
HSL	151°, 19%, 43%
HSV	151°, 32%, 51%
XYZ	14.6351, 18.8793, 17.3407
YIQ	114.4610, -18.0160, -14.9120

Conversions

Conversions Part 2

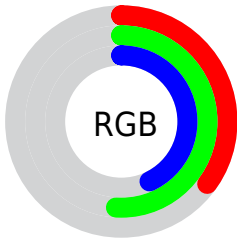
Format	Color
R_{YB}	88, 115, 129
Decimal	5800301
CIE _{Lab}	50.55, -18.84, 6.32
CIE _{LCh}	51, 19.876, 161.445
Yxy	18.8793, 0.2878, 0.3712
Android (android.graphics.Color)	4283990381 (0xFF58816D)
YUV	114.4610, -2.6923, -23.2063
Hunter-Lab	43.4503, -15.9150, 6.7530

Details

The XYZ color **14.6351, 18.8793, 17.3407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2504, 12.7298, 15.8416**, and the grayscale version is **16.1450, 16.9857, 18.4975**.

A 20% lighter version of the original color is **33.7206, 41.4829, 39.4874**, and **4.6132, 6.5362, 5.5759** is the 20% darker color. If you saturate the color by 10%, you get **13.1937, 18.1745, 15.5679**, and if you desaturate by 10%, it is **16.3179, 19.7068, 19.2523**.

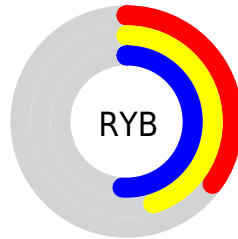
Distribution



Red (35%)

Green (51%)

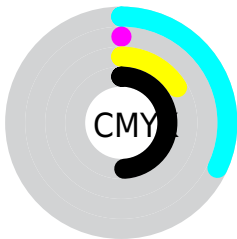
Blue (43%)



Red (35%)

Yellow (45%)

Blue (51%)

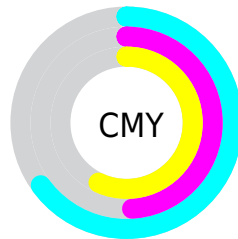


Cyan (32%)

Magenta (0%)

Yellow (16%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6351, 18.8793, 17.3407 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 14.6351, 18.8793, 17.3407 by changing the saturation by 10% instead.

■ 14.6351, 18.8793,
17.3407

■ 14.6351, 18.8793,
17.3407

214.5793,
245.7816, 249.2382

■ 8.6483, 11.5831,
10.3132

■ 33.7887, 41.5300,
39.7093

■ 4.5678, 6.4605,
5.4988

■ 47.6862, 57.6534,
55.8874

■ 2.0281, 3.1270,
2.4790

■ 64.9514, 77.4879,
75.9529

■ 0.6497, 1.1984,
0.8290

■ 85.9496, 101.4179,
100.3241

■ 0.0000, 0.0604,
0.0000

■ 111.0461,
129.8279, 129.4197

■ 0.0000, 0.0000,
0.0000

140.6063,

163.1023, 163.6583

174.9956,
201.6254, 203.4583

■ 14.6351, 18.8793,
17.3407

■ 14.6351, 18.8793,
17.3407

■ 13.1937, 18.1745,
15.5679

■ 16.3179, 19.7068,
19.2523

■ 11.9803, 17.5840,
13.9293

■ 18.2516, 20.6602,
21.3044

■ 10.9824, 17.1019,
12.4222

■ 20.4471, 21.7457,
23.5005

■ 10.1857, 16.7209,
11.0429

■ 22.9142, 22.9682,
25.8434

■ 9.5740, 16.4327,
9.7879

■ 25.6620, 24.3324,
28.3359

■ 9.1285, 16.2276,
8.6532

■ 28.6993, 25.8428,
30.9806

■ 8.8360, 16.0953,
7.8062

■ 32.0345, 27.5037,
33.7803

■ 35.6758, 29.3192,
36.7375

■ 39.6308, 31.2932,
39.8546

Harmonies

Analogous

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



15.5867, 18.8793, 13.5432



14.6351, 18.8793, 17.3407



14.5308, 18.8793, 22.7498

Triad

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



14.6351, 18.8793, 17.3407



18.6946, 18.8793, 32.9055



20.8881, 18.8793, 14.2650

Complementary

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



14.6351, 18.8793, 17.3407



15.2504, 12.7298, 15.8416

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.



21.8542, 18.8793, 18.5086



14.6351, 18.8793, 17.3407



20.5282, 18.8793, 29.6493

Square

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



14.6351, 18.8793, 17.3407



16.7831, 18.8793, 32.4384



21.7179, 18.8793, 24.1468



19.1576, 18.8793, 12.0008

Rectangle

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



14.6351, 18.8793, 17.3407



14.9462, 18.8793, 26.6483



21.7179, 18.8793, 24.1468



21.3185, 18.8793, 15.4717

Sweetspot

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



14.6356, 18.8801, 17.3411



33.2610, 37.2817, 38.7420



15.8577, 19.6255, 12.1852



7.4295, 8.3896, 8.6677



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.



14.6356, 18.8801, 17.3411



24.3299, 32.8890, 28.7709



15.8379, 19.3610, 23.6720



4.3608, 4.8526, 5.0710



8.6170, 15.6934, 7.6219



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2504, 12.7298, 15.8416



25.6093, 20.0929, 25.6519



14.3050, 12.3517, 10.8631



4.4084, 4.3765, 4.9549



9.7020, 4.9005, 5.0206



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6351, 18.8793, 17.3407 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 14.6351, 18.8793, 17.3407 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 14.6351, 18.8793, 17.3407

Background



This preview shows how black text looks on a background with the XYZ color 14.6351, 18.8793, 17.3407.

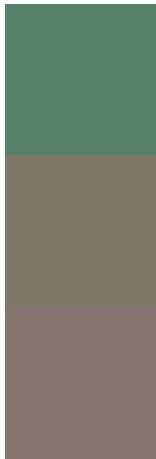


This preview shows how white text looks on a background with the XYZ color 14.6351, 18.8793,

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

14.6351, 18.8793, 17.3407

Protanopia

17.8193, 18.8680, 15.7994

Deuteranopia

19.0015, 18.7290, 17.9428



Tritanopia

16.3229, 18.7962, 25.6894

Trichromacy



Original Color

14.6351, 18.8793, 17.3407

Protanomaly

16.3666, 18.6513, 16.3731

Deuteranomaly

17.0427, 18.6043, 17.7317

Tritanomaly

15.6404, 18.7034, 22.5244

Monochromacy



Original Color

14.6351, 18.8793, 17.3407

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3472, 17.3668, 17.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6351, 18.8793, 17.3407 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, 129, 109) looks like.

```
.text, #text, p{  
    color:rgb(88, 129, 109)  
}
```

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, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 129, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.6351, 18.8793, 17.3407 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, 129, 109) }
```


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

```
.border{ border-color:rgb(88, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(88, 129,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6351, 18.8793, 17.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 129, 109) }
```

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

```
.background{ background-color: rgb(88, 129,  
109) }
```

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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