

Converting Colors

XYZ(14.8802, 18.4521, 15.8999)

Have a look what the booklet for
XYZ(14.8802, 18.4521, 15.8999)
contains.

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Color

**XYZ(14.8893, 18.4626,
15.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	617E68
RGB	97, 126, 104
RGB Percent	38%, 49%, 41%
CMY	0.6196, 0.5059, 0.5922
CMYK	0.23, 0.00, 0.17, 0.51
HSL	134°, 13%, 44%
HSV	134°, 23%, 49%
XYZ	14.8893, 18.4626, 15.8756
YIQ	114.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

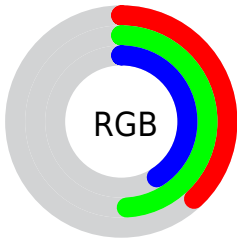
Format	Color
R_{YB}	97, 120, 126
Decimal	6389352
CIE _{Lab}	50.05, -15.17, 8.62
CIE _{LCh}	50, 17.450, 150.406
Yxy	18.4626, 0.3025, 0.3750
Android (android.graphics.Color)	4284579432 (0xFF617E68)
YUV	114.8210, -5.3348, -15.6290
Hunter-Lab	42.9681, -13.3405, 8.1716

Details

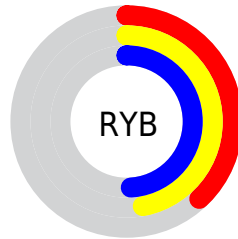
The XYZ color **14.8893, 18.4626, 15.8756** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2093, 14.3173, 19.3627**, and the grayscale version is **16.2597, 17.1065, 18.6290**.

A 20% lighter version of the original color is **34.2492, 40.9027, 37.1002**, and **4.7078, 6.2813, 4.8352** is the 20% darker color. If you saturate the color by 10%, you get **13.1936, 17.6419, 13.4039**, and if you desaturate by 10%, it is **16.8543, 19.4168, 18.6481**.

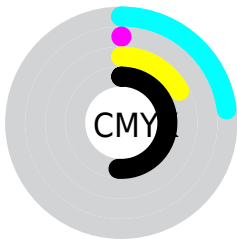
Distribution



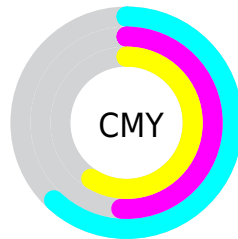
- Red (38%)
- Green (49%)
- Blue (41%)



- Red (38%)
- Yellow (47%)
- Blue (49%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8893, 18.4626, 15.8756 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 14.8893, 18.4626, 15.8756 by changing the saturation by 10% instead.

■ 14.8893, 18.4626,
15.8756

■ 14.8893, 18.4626,
15.8756

216.0969,
243.4657, 240.4271

■ 8.8275, 11.2826,
9.2828

■ 34.2321, 40.8240,
37.1459

■ 4.6851, 6.2573,
4.8268

■ 48.2439, 56.7742,
52.6604

■ 2.0965, 3.0021,
2.0890

■ 65.6364, 76.4167,
71.9859

■ 0.6873, 1.1328,
0.6092

■ 86.7749, 100.1357,
95.5410

■ 0.0000, 0.0058,
0.0000

112.0249,
128.3157, 123.7441

■ 0.0000, 0.0000,
0.0000

141.7516,

161.3412, 157.0138

176.3205,
199.5963, 195.7686

■ 14.8893, 18.4626,
15.8756

■ 14.8893, 18.4626,
15.8756

■ 13.1936, 17.6419,
13.4039

■ 16.8543, 19.4168,
18.6481

■ 11.7539, 16.9465,
11.2216

■ 19.0984, 20.5078,
21.7297

■ 10.5579, 16.3708,
9.3184

■ 21.6324, 21.7415,
25.1301

■ 9.5916, 15.9079,
7.6831

■ 24.4663, 23.1228,
28.8580

■ 8.8398, 15.5501,
6.3035

■ 27.6096, 24.6566,
32.9220

■ 8.2850, 15.2887,
5.1666

■ 31.0713, 26.3472,
37.3301

■ 7.9067, 15.1134,
4.2581

■ 34.8601, 28.1989,
42.0903

■ 7.7009, 15.0183,
3.7492

■ 38.9844, 30.2160,
47.2101

■ 43.4521, 32.4024,
52.6969

Harmonies

Analogous

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



15.9652, 18.4626, 13.1396



14.8893, 18.4626, 15.8756



14.5153, 18.4626, 20.1681

Triad

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



14.8893, 18.4626, 15.8756



17.5710, 18.4626, 30.8315



20.4807, 18.4626, 15.7790

Complementary

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



14.8893, 18.4626, 15.8756



16.2093, 14.3173, 19.3627

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.



20.9765, 18.4626, 20.0373



14.8893, 18.4626, 15.8756



19.2324, 18.4626, 29.1722

Square

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



14.8893, 18.4626, 15.8756



16.0024, 18.4626, 29.2562



20.5061, 18.4626, 25.0204



19.1904, 18.4626, 13.0903

Rectangle

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



14.8893, 18.4626, 15.8756



14.6944, 18.4626, 23.4998



20.5061, 18.4626, 25.0204



20.7494, 18.4626, 17.0497

Sweetspot

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



14.8898, 18.4634, 15.8760



31.9170, 35.2702, 35.9310



17.2591, 19.7242, 14.2069



7.2216, 8.0041, 8.1205



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.



14.8898, 18.4634, 15.8760



24.4683, 31.6550, 25.4273



15.6771, 18.7783, 20.0218



4.3153, 4.8345, 4.8317



7.8985, 15.4060, 3.8382



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2093, 14.3173, 19.3627



27.2468, 22.9206, 32.7668



15.4155, 13.9998, 15.1829



4.4552, 4.3952, 5.2014



10.9719, 5.4084, 11.7076



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8893, 18.4626, 15.8756 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 14.8893, 18.4626, 15.8756 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 14.8893, 18.4626, 15.8756

Background



This preview shows how black text looks on a background with the XYZ color 14.8893, 18.4626, 15.8756.



This preview shows how white text looks on a background with the XYZ color 14.8893, 18.4626,

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

14.8893, 18.4626, 15.8756

Protanopia

17.2361, 18.2369, 14.6682

Deuteranopia

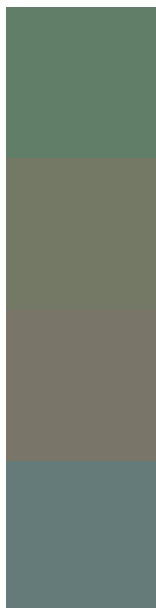
18.6105, 18.2261, 16.1728



Tritanopia

16.6039, 18.4098, 24.5081

Trichromacy



Original Color

14.8893, 18.4626, 15.8756

Protanomaly

16.2566, 18.2592, 14.9795

Deuteranomaly

16.9134, 18.0417, 15.9556

Tritanomaly

15.8513, 18.2804, 21.1054

Monochromacy



Original Color

14.8893, 18.4626, 15.8756

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.6504, 17.5295, 17.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8893, 18.4626, 15.8756 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(97, 126, 104) looks like.

```
.text, #text, p{  
    color:rgb(97, 126, 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(97, 126, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 126, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.8893, 18.4626, 15.8756 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(97, 126, 104) }
```


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

```
.border{ border-color:rgb(97, 126, 104) }
```

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

Here you see how a box with a 4 pixel rgb(97, 126, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 126, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 126, 104);  
box-shadow:4px 4px 4px 4px rgb(97, 126,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8893, 18.4626, 15.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 126, 104) }
```

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

```
.background{ background-color: rgb(97, 126,  
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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