

Converting Colors

XYZ(15.8740, 17.4543, 25.4969)

Have a look what the booklet for
XYZ(15.8740, 17.4543, 25.4969)
contains.

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Color

**XYZ(15.8998, 17.4843,
25.4585)**

Conversions

Conversions Part 1

Format	Color
Hex	617787
RGB	97, 119, 135
RGB Percent	38%, 47%, 53%
CMY	0.6196, 0.5333, 0.4706
CMYK	0.28, 0.12, 0.00, 0.47
HSL	205°, 16%, 45%
HSV	205°, 28%, 53%
XYZ	15.8998, 17.4843, 25.4585
YIQ	114.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

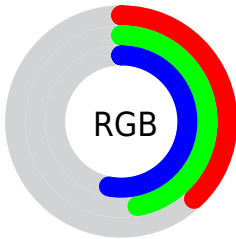
Format	Color
R _Y B	97, 111, 135
Decimal	6387591
CIE Lab	48.86, -4.09, -11.38
CIE LCh	49, 12.089, 250.231
Yxy	17.4843, 0.2702, 0.2971
Android (android.graphics.Color)	4284577671 (0xFF617787)
YUV	114.2460, 10.2317, -15.1247
Hunter-Lab	41.8142, -5.3005, -6.8286

Details

The XYZ color **15.8998, 17.4843, 25.4585** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0548, 17.8245, 13.7987**, and the grayscale version is **16.0427, 16.8781, 18.3803**.

A 20% lighter version of the original color is **35.8528, 39.0526, 53.2252**, and **5.1596, 5.8153, 9.4449** is the 20% darker color. If you saturate the color by 10%, you get **13.9257, 15.4926, 25.1784**, and if you desaturate by 10%, it is **18.1603, 19.6845, 25.7643**.

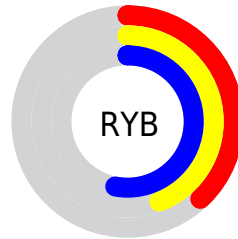
Distribution



Red (38%)

Green (47%)

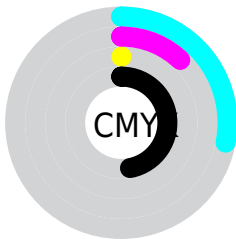
Blue (53%)



Red (38%)

Yellow (44%)

Blue (53%)

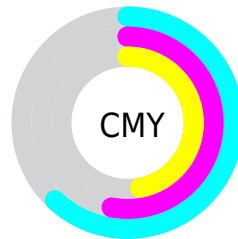


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8998, 17.4843, 25.4585 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 15.8998, 17.4843, 25.4585 by changing the saturation by 10% instead.

■ 15.8998, 17.4843,
25.4585

■ 15.8998, 17.4843,
25.4585

222.0318,
237.9480, 293.6341

■ 9.5437, 10.5804,
16.1969

■ 35.9830, 39.1566,
53.3734

■ 5.1574, 5.7854,
9.5077

■ 50.4408, 54.6938,
72.8637

■ 2.3756, 2.7151,
4.9725

■ 68.3299, 73.8775,
96.6007

■ 0.8329, 0.9848,
2.1727

■ 90.0156, 97.0921,
125.0028

■ 0.0000, 0.0000,
0.6585

115.8633,
124.7221, 158.4887

■ 0.0000, 0.0000,
0.0000

146.2383,

157.1518, 197.4769

181.5060,
194.7657, 242.3858

■ 15.8998, 17.4843,
25.4585

■ 15.8998, 17.4843,
25.4585

■ 13.9257, 15.4926,
25.1784

■ 18.1603, 19.6845,
25.7643

■ 12.2233, 13.6996,
24.9221

■ 20.7177, 22.0985,
26.0955

■ 10.7788, 12.0976,
24.6890

■ 23.5841, 24.7338,
26.4531

■ 9.5768, 10.6774,
24.4782

■ 26.7703, 27.5970,
26.8378

■ 8.5997, 9.4289,
24.2887

■ 30.2865, 30.6943,
27.2503

■ 7.8275, 8.3405,
24.1193

■ 34.1426, 34.0318,
27.6913

■ 7.2160, 7.3884,
23.9678

■ 38.3478, 37.6151,
28.1613

■ 7.1091, 7.2210,
23.9411

■ 42.9113, 41.4497,
28.6609

■ 47.8417, 45.5411,
29.1908

Harmonies

Analogous

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



15.0263, 17.4843, 23.3098



15.8998, 17.4843, 25.4585



17.0042, 17.4843, 25.7823

Triad

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



15.8998, 17.4843, 25.4585



18.8313, 17.4843, 17.9617



15.2645, 17.4843, 14.7024

Complementary

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



15.8998, 17.4843, 25.4585



18.0548, 17.8245, 13.7987

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.



16.2383, 17.4843, 13.5852



15.8998, 17.4843, 25.4585



18.3190, 17.4843, 15.3218

Square

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



15.8998, 17.4843, 25.4585



18.7307, 17.4843, 21.2028



17.3581, 17.4843, 13.7984



14.6711, 17.4843, 17.0247

Rectangle

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



15.8998, 17.4843, 25.4585



17.7275, 17.4843, 24.8853



17.3581, 17.4843, 13.7984



15.5564, 17.4843, 14.1859

Sweetspot

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



15.9003, 17.4850, 25.4589



37.0854, 39.5591, 46.7294



16.5655, 21.0582, 18.7657



8.4369, 9.0199, 10.8027



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.9003, 17.4850, 25.4589



26.0793, 28.9112, 45.2543



13.8766, 13.4376, 24.7843



4.6416, 4.9589, 5.9133



6.5688, 6.6853, 22.0809



0.0300, 0.0376, 0.0789

Inverse Universe

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



17.5966, 15.0327, 19.4276



29.7199, 23.9710, 32.2377



20.3784, 22.4717, 14.5732



4.7771, 4.7305, 5.4388



10.4937, 5.2618, 7.1722



0.0400, 0.0197, 0.0441

Previews

White Background



This preview shows how the XYZ color 15.8998, 17.4843, 25.4585 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 15.8998, 17.4843, 25.4585 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

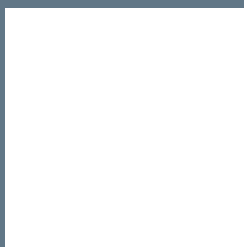
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8998, 17.4843, 25.4585

Background



This preview shows how black text looks on a background with the XYZ color 15.8998, 17.4843, 25.4585.



This preview shows how white text looks on a background with the XYZ color 15.8998, 17.4843,

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

15.8998, 17.4843, 25.4585

Protanopia

17.1056, 17.4381, 24.2941

Deuteranopia

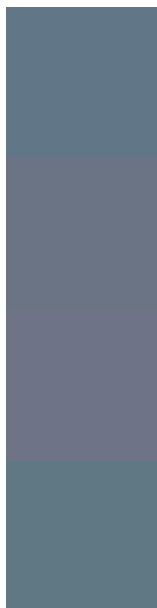
17.6852, 17.3697, 25.7131



Tritanopia

15.5696, 17.5314, 23.6824

Trichromacy



Original Color

15.8998, 17.4843, 25.4585

Protanomaly

16.5424, 17.3100, 24.6596

Deuteranomaly

17.0051, 17.3540, 25.7460

Tritanomaly

15.7052, 17.5857, 24.3964

Monochromacy



Original Color

15.8998, 17.4843, 25.4585

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9426, 17.0841, 20.8696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8998, 17.4843, 25.4585 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, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(97, 119, 135)  
}
```

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, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 119, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.8998, 17.4843, 25.4585 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, 119, 135) }
```


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

```
.border{ border-color:rgb(97, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(97, 119,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8998, 17.4843, 25.4585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 119, 135) }
```

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

```
.background{ background-color: rgb(97, 119,  
135) }
```

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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