

Converting Colors

XYZ(17.9572, 25.3089, 15.0749)

Have a look what the booklet for
XYZ(17.9572, 25.3089, 15.0749)
contains.

XYZ(17.8415, 25.1440, 14.9793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.8415, 25.1440,
14.9793)**

Conversions

Conversions Part 1

Format	Color
Hex	609660
RGB	96, 150, 96
RGB Percent	38%, 59%, 38%
CMY	0.6235, 0.4118, 0.6235
CMYK	0.36, 0.00, 0.36, 0.41
HSL	120°, 22%, 48%
HSV	120°, 36%, 59%
XYZ	17.8415, 25.1440, 14.9793
YIQ	127.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

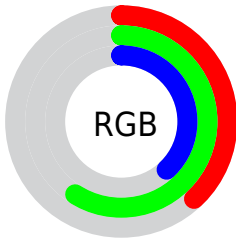
Format	Color
RYB	96, 150, 150
Decimal	6329952
CIELab	57.22, -29.30, 22.99
CIELCh	57, 37.239, 141.881
Yxy	25.1440, 0.3078, 0.4338
Android (android.graphics.Color)	4284520032 (0xFF609660)
YUV	127.6980, -15.6271, -27.7991
Hunter-Lab	50.1438, -24.2401, 17.3891

Details

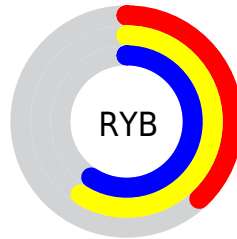
The XYZ color **17.8415, 25.1440, 14.9793** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.2663, 17.0522, 30.9727**, and the grayscale version is **20.4698, 21.5358, 23.4525**.

A 20% lighter version of the original color is **39.4922, 52.1588, 35.5900**, and **6.1429, 9.7263, 4.4593** is the 20% darker color. If you saturate the color by 10%, you get **15.7855, 24.1571, 11.6158**, and if you desaturate by 10%, it is **20.3318, 26.3410, 19.0521**.

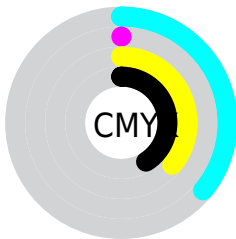
Distribution



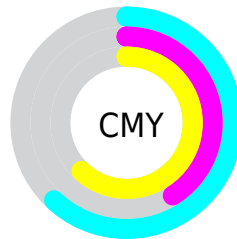
- Red (38%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8415, 25.1440, 14.9793 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 17.8415, 25.1440, 14.9793 by changing the saturation by 10% instead.

■ 17.8415, 25.1440,
14.9793

■ 17.8415, 25.1440,
14.9793

233.0390,
278.5543, 234.8774

■ 10.9353, 16.1844,
8.6584

■ 39.2993, 51.8907,
35.5587

■ 6.0903, 9.6547,
4.4253

■ 54.5815, 70.4466,
50.6542

■ 2.9412, 5.1706,
1.8614

■ 73.3864, 92.9701,
69.5117

■ 1.1228, 2.3477,
0.4680

■ 96.0794, 119.8455,
92.5496

■ 0.0440, 0.7988,
0.0000

123.0258,
151.4572, 120.1867

■ 0.0000, 0.0000,
0.0000

154.5910,

188.1896, 152.8413

191.1403,
230.4272, 190.9320

■ 17.8415, 25.1440,
14.9793

■ 17.8415, 25.1440,
14.9793

■ 15.7855, 24.1571,
11.6158

■ 20.3318, 26.3410,
19.0521

■ 14.1370, 23.3653,
8.9194

■ 23.2772, 27.7558,
23.8697

■ 12.8696, 22.7565,
6.8464


■ 26.6994, 29.3996,
29.4674


■ 11.9528, 22.3161,
5.3467


■ 30.6183, 31.2821,
35.8774


■ 11.3515, 22.0273,
4.3630


■ 35.0526, 33.4121,
43.1304


 11.0148, 21.8656,
3.8123

 40.0201, 35.7983,
51.2555

 10.9069, 21.8137,
3.6357

 45.5376, 38.4486,
60.2802

 51.6213, 41.3710,
70.2310

 58.2867, 44.5727,
81.1332

Harmonies

Analogous

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



20.8823, 25.1440, 10.4871



17.8415, 25.1440, 14.9793



16.4635, 25.1440, 24.0964

Triad

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



17.8415, 25.1440, 14.9793



22.7236, 25.1440, 59.0510



32.6403, 25.1440, 19.3040

Complementary

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



17.8415, 25.1440, 14.9793



22.2663, 17.0522, 30.9727

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.



33.2905, 25.1440, 30.9438



17.8415, 25.1440, 14.9793



27.1923, 25.1440, 56.5778

Square

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



17.8415, 25.1440, 14.9793



19.0474, 25.1440, 51.2059



31.1915, 25.1440, 45.2230



29.5106, 25.1440, 12.3973

Rectangle

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



17.8415, 25.1440, 14.9793



16.5389, 25.1440, 32.6751



31.1915, 25.1440, 45.2230



33.1703, 25.1440, 22.6859

Sweetspot

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



17.8421, 25.1451, 14.9799



43.8594, 50.3170, 46.6737



25.5964, 29.1426, 15.3424



9.5609, 11.0746, 10.0836



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.8421, 25.1451, 14.9799



28.5759, 42.9756, 21.6749



19.3060, 25.7306, 22.6884



5.7296, 6.4684, 6.1870



9.0455, 18.0910, 3.0153



0.1107, 0.2214, 0.0369

Inverse Universe

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



22.2663, 17.0522, 30.9727



37.5381, 26.5815, 54.0721



20.3364, 16.2802, 20.8100



6.0353, 5.9092, 7.2922



14.9971, 7.2039, 24.5296



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 17.8415, 25.1440, 14.9793 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 17.8415, 25.1440, 14.9793 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 17.8415, 25.1440, 14.9793

Background



This preview shows how black text looks on a background with the XYZ color 17.8415, 25.1440, 14.9793.



This preview shows how white text looks on a background with the XYZ color 17.8415, 25.1440,

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

17.8415, 25.1440, 14.9793

Protanopia

23.0467, 24.9426, 13.4972

Deuteranopia

25.3168, 24.8341, 15.5157



Tritanopia

21.7186, 25.1038, 34.2727

Trichromacy



Original Color

17.8415, 25.1440, 14.9793

Protanomaly

20.7020, 24.8034, 14.0524

Deuteranomaly

21.8218, 24.4811, 15.3796

Tritanomaly

20.1060, 25.1348, 25.9821

Monochromacy



Original Color

17.8415, 25.1440, 14.9793

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.1590, 22.5823, 19.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8415, 25.1440, 14.9793 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(96, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(96, 150, 96)  
}
```

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(96, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 150, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.8415, 25.1440, 14.9793 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(96, 150, 96) }
```


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

```
.border{ border-color:rgb(96, 150, 96) }
```

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

Here you see how a box with a 4 pixel rgb(96, 150, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(96, 150,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8415, 25.1440, 14.9793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 150, 96) }
```

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

```
.background{ background-color: rgb(96, 150,  
96) }
```

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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