

Converting Colors

XYZ(15.4456, 19.2330, 25.5838)

Have a look what the booklet for
XYZ(15.4456, 19.2330, 25.5838)
contains.

XYZ(15.5102, 19.3488, 25.4715)	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(15.5102, 19.3488,
25.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8286
RGB	79, 130, 134
RGB Percent	31%, 51%, 53%
CMY	0.6902, 0.4902, 0.4745
CMYK	0.41, 0.03, 0.00, 0.47
HSL	184°, 26%, 42%
HSV	184°, 41%, 53%
XYZ	15.5102, 19.3488, 25.4715
YIQ	115.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

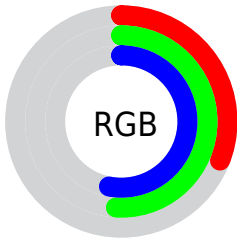
Format	Color
R_{YB}	79, 105, 134
Decimal	5210758
CIE _{Lab}	51.09, -15.96, -7.56
CIE _{LCh}	51, 17.660, 205.331
Yxy	19.3488, 0.2571, 0.3207
Android (android.graphics.Color)	4283400838 (0xFF4F8286)
YUV	115.2070, 9.2649, -31.7535
Hunter-Lab	43.9873, -14.0375, -3.5417

Details

The XYZ color **15.5102, 19.3488, 25.4715** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.3364, 11.8197, 8.9235**, and the grayscale version is **16.3387, 17.1895, 18.7194**.

A 20% lighter version of the original color is **35.2632, 42.2801, 53.3160**, and **4.9947, 6.7580, 9.4287** is the 20% darker color. If you saturate the color by 10%, you get **14.3772, 18.5737, 25.3819**, and if you desaturate by 10%, it is **16.8703, 20.2437, 25.5729**.

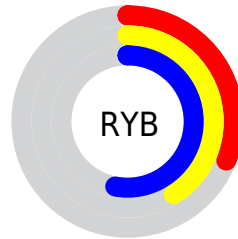
Distribution



Red (31%)

Green (51%)

Blue (53%)



Red (31%)

Yellow (41%)

Blue (53%)

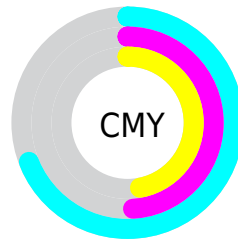


Cyan (41%)

Magenta (3%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5102, 19.3488, 25.4715 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 15.5102, 19.3488, 25.4715 by changing the saturation by 10% instead.

■ 15.5102, 19.3488,
25.4715

■ 15.5102, 19.3488,
25.4715

219.7616,
248.3676, 293.7004

■ 9.2669, 11.9226,
16.2065

■ 35.3101, 42.3227,
53.3947

■ 4.9742, 6.6910,
9.5144

■ 49.5974, 58.6391,
72.8899

■ 2.2667, 3.2696,
4.9769

■ 67.2968, 78.6877,
96.6323

■ 0.7775, 1.2741,
2.1752

■ 88.7735, 102.8529,
125.0404

■ 0.0000, 0.1210,
0.6600

■ 114.3930,
131.5192, 158.5327

■ 0.0000, 0.0000,
0.0000

144.5206,

165.0707, 197.5278

179.5217,
203.8921, 242.4442

■ 15.5102, 19.3488,
25.4715

■ 15.5102, 19.3488,
25.4715

■ 14.3772, 18.5737,
25.3819

■ 16.8703, 20.2437,
25.5729

■ 13.4560, 17.9091,
25.3022

■ 18.4682, 21.2626,
25.6853

■ 12.7321, 17.3481,
25.2321

■ 20.3161, 22.4121,
25.8098

■ 12.1884, 16.8818,
25.1707

■ 22.4247, 23.6979,
25.9469

■ 11.8051, 16.4999,
25.1172

■ 24.8041, 25.1252,
26.0970

■ 11.5433, 16.2015,
25.0734

■ 27.4641, 26.6990,
26.2605

■ 30.4137, 28.4239,
26.4380

■ 33.6616, 30.3044,
26.6298

■ 37.2162, 32.3449,
26.8363

Harmonies

Analogous

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



15.2327, 19.3488, 20.2919



15.5102, 19.3488, 25.4715



16.5398, 19.3488, 30.0417

Triad

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



15.5102, 19.3488, 25.4715



21.3030, 19.3488, 27.0467



18.6660, 19.3488, 12.8396

Complementary

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



15.5102, 19.3488, 25.4715



14.3364, 11.8197, 8.9235

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.



20.3743, 19.3488, 14.0863



15.5102, 19.3488, 25.4715



21.9570, 19.3488, 21.8627

Square

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



15.5102, 19.3488, 25.4715



19.8700, 19.3488, 31.0477



21.6069, 19.3488, 17.2029



16.9863, 19.3488, 13.4943

Rectangle

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



15.5102, 19.3488, 25.4715



17.5504, 19.3488, 31.8487



21.6069, 19.3488, 17.2029



19.2569, 19.3488, 13.0437

Sweetspot

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



15.5108, 19.3496, 25.4720



35.3727, 39.2274, 45.4457



13.2985, 19.3323, 11.1474



7.8888, 8.7880, 10.2332



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.



15.5108, 19.3496, 25.4720



25.5069, 32.8477, 44.7343



12.3617, 13.0514, 24.4223



4.7734, 5.2225, 5.9572



10.8209, 15.1896, 23.4983



0.0396, 0.0569, 0.0821

Inverse Universe

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



16.6573, 12.2725, 22.6109



27.8433, 18.7791, 38.8245



16.8372, 16.8212, 9.7571



4.8437, 4.7572, 5.7891



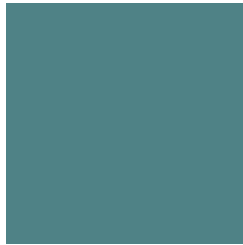
12.6400, 6.1203, 18.4744



0.0449, 0.0216, 0.0697

Previews

White Background



This preview shows how the XYZ color 15.5102, 19.3488, 25.4715 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 15.5102, 19.3488, 25.4715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

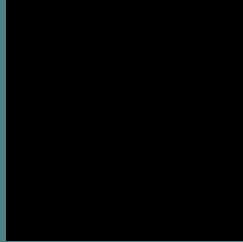
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.5102, 19.3488, 25.4715

Background



This preview shows how black text looks on a background with the XYZ color 15.5102, 19.3488, 25.4715.



This preview shows how white text looks on a background with the XYZ color 15.5102, 19.3488,

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

15.5102, 19.3488, 25.4715

Protanopia

18.4979, 19.0564, 23.1254

Deuteranopia

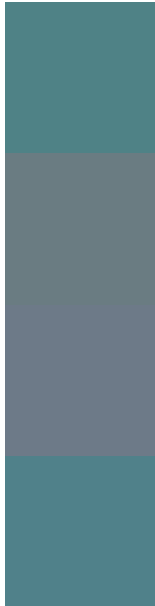
19.5980, 19.1986, 26.3397



Tritanopia

15.9772, 19.3433, 27.7025

Trichromacy



Original Color

15.5102, 19.3488, 25.4715

Protanomaly

17.1808, 19.0912, 23.8985

Deuteranomaly

17.7101, 18.9479, 26.0164

Tritanomaly

15.7460, 19.2410, 26.9287

Monochromacy



Original Color

15.5102, 19.3488, 25.4715

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7088, 17.6629, 20.9937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5102, 19.3488, 25.4715 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(79, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(79, 130, 134)  
}
```

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(79, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 130, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.5102, 19.3488, 25.4715 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(79, 130, 134) }
```


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

```
.border{ border-color:rgb(79, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(79, 130,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5102, 19.3488, 25.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 130, 134) }
```

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

```
.background{ background-color: rgb(79, 130,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor