

Converting Colors

XYZ(15.4371, 19.4565, 19.3472)

Have a look what the booklet for
XYZ(15.4371, 19.4565, 19.3472)
contains.

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Color

**XYZ(15.4494, 19.4504,
19.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8274
RGB	91, 130, 116
RGB Percent	36%, 51%, 45%
CMY	0.6431, 0.4902, 0.5451
CMYK	0.30, 0.00, 0.11, 0.49
HSL	158°, 18%, 43%
HSV	158°, 30%, 51%
XYZ	15.4494, 19.4504, 19.4630
YIQ	116.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

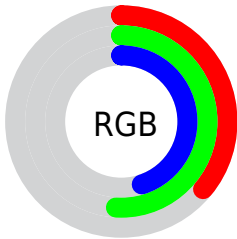
Format	Color
R_{YB}	91, 115, 130
Decimal	5997172
CIE _{Lab}	51.21, -16.83, 3.22
CIE _{LCh}	51, 17.130, 169.176
Yxy	19.4504, 0.2842, 0.3578
Android (android.graphics.Color)	4284187252 (0xFF5B8274)
YUV	116.7430, -0.3663, -22.5766
Hunter-Lab	44.1026, -14.6500, 4.7065

Details

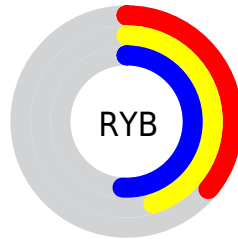
The XYZ color **15.4494, 19.4504, 19.4630** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4975, 13.2484, 15.1058**, and the grayscale version is **16.8347, 17.7114, 19.2877**.

A 20% lighter version of the original color is **35.1567, 42.4449, 43.3855**, and **4.9083, 6.6683, 6.4973** is the 20% darker color. If you saturate the color by 10%, you get **14.0126, 18.7408, 18.0142**, and if you desaturate by 10%, it is **17.1230, 20.2815, 20.9949**.

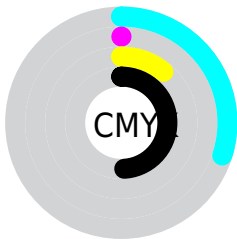
Distribution



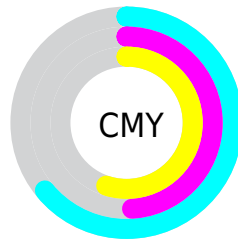
- Red (36%)
- Green (51%)
- Blue (45%)



- Red (36%)
- Yellow (45%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4494, 19.4504, 19.4630 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 15.4494, 19.4504, 19.4630 by changing the saturation by 10% instead.

■ 15.4494, 19.4504,
19.4630

■ 15.4494, 19.4504,
19.4630

219.4053,
248.9241, 261.5004

■ 9.2238, 11.9962,
11.8251

■ 35.2049, 42.4938,
43.3621

■ 4.9457, 6.7411,
6.5036

■ 49.4654, 58.8518,
60.4604

■ 2.2499, 3.3007,
3.0800

■ 67.1350, 78.9464,
81.5492

■ 0.7688, 1.2907,
1.1356

■ 88.5789, 103.1622,
107.0471

■ 0.0000, 0.1340,
0.0000

114.1625,
131.8834, 137.3726

■ 0.0000, 0.0000,
0.0000

144.2512,

165.4946, 172.9443

179.2104,
204.3800, 214.1807

■ 15.4494, 19.4504,
19.4630

■ 15.4494, 19.4504,
19.4630

■ 14.0126, 18.7408,
18.0142

■ 17.1230, 20.2815,
20.9949

■ 12.7993, 18.1444,
16.6457

■ 19.0425, 21.2373,
22.6101

■ 11.7974, 17.6554,
15.3562

■ 21.2187, 22.3238,
24.3106

■ 10.9929, 17.2666,
14.1440

■ 23.6610, 23.5458,
26.0977

■ 10.3700, 16.9700,
13.0073

■ 26.3787, 24.9081,
27.9728

■ 9.9103, 16.7561,
11.9440

■ 29.3802, 26.4151,
29.9373

■ 9.5572, 16.5957,
10.9503

■ 32.6738, 28.0709,
31.9925

■ 36.2673, 29.8797,
34.1397

■ 40.1685, 31.8453,
36.3800

Harmonies

Analogous

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



16.1148, 19.4504, 15.6126



15.4494, 19.4504, 19.4630



15.5593, 19.4504, 24.4155

Triad

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



15.4494, 19.4504, 19.4630



19.5853, 19.4504, 31.3452



20.7148, 19.4504, 14.8364

Complementary

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



15.4494, 19.4504, 19.4630



15.4975, 13.2484, 15.1058

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.



21.7607, 19.4504, 18.2405



15.4494, 19.4504, 19.4630



21.0813, 19.4504, 27.9305

Square

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



15.4494, 19.4504, 19.4630



17.8780, 19.4504, 31.8073



21.8988, 19.4504, 22.9913



19.1097, 19.4504, 13.2279

Rectangle

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



15.4494, 19.4504, 19.4630



16.0596, 19.4504, 27.6825



21.8988, 19.4504, 22.9913



21.1476, 19.4504, 15.7820

Sweetspot

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



15.4499, 19.4512, 19.4634



33.8224, 37.5428, 40.0494



15.7326, 19.7429, 12.8794



7.5540, 8.4470, 8.9829



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.



15.4499, 19.4512, 19.4634



25.4385, 33.3787, 32.5203



15.6526, 18.4533, 23.8570



4.3829, 4.8615, 5.1877



9.1667, 15.9133, 10.5166



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4975, 13.2484, 15.1058



25.5380, 20.6196, 23.5648



15.2960, 13.9039, 11.7753



4.3866, 4.3678, 4.8404



9.3157, 4.7460, 2.9865



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4494, 19.4504, 19.4630 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 15.4494, 19.4504, 19.4630 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 15.4494, 19.4504, 19.4630

Background



This preview shows how black text looks on a background with the XYZ color 15.4494, 19.4504, 19.4630.

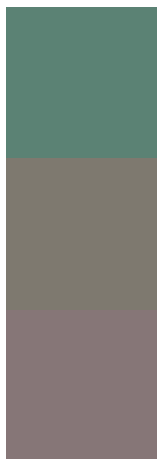


This preview shows how white text looks on a background with the XYZ color 15.4494, 19.4504,

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

15.4494, 19.4504, 19.4630

Protanopia

18.3108, 19.2581, 17.7910

Deuteranopia

19.6397, 19.3571, 20.1539



Tritanopia

16.9286, 19.4717, 26.5331

Trichromacy



Original Color

15.4494, 19.4504, 19.4630

Protanomaly

16.9983, 19.1183, 18.4171

Deuteranomaly

17.7008, 19.0786, 19.8892

Tritanomaly

16.2977, 19.4030, 23.6551

Monochromacy



Original Color

15.4494, 19.4504, 19.4630

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.3548, 18.3916, 19.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4494, 19.4504, 19.4630 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(91, 130, 116) looks like.

```
.text, #text, p{  
    color:rgb(91, 130, 116)  
}
```

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(91, 130, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 130, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.4494, 19.4504, 19.4630 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(91, 130, 116) }
```


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

```
.border{ border-color:rgb(91, 130, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 130, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 130, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 130, 116);  
box-shadow:4px 4px 4px 4px rgb(91, 130,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4494, 19.4504, 19.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 130, 116) }
```

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

```
.background{ background-color: rgb(91, 130,  
116) }
```

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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