

Converting Colors

XYZ(15.9432, 19.2551, 30.8933)

Have a look what the booklet for
XYZ(15.9432, 19.2551, 30.8933)
contains.

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Color

**XYZ(15.9432, 19.2551,
30.8933)**

Conversions

Conversions Part 1

Format	Color
Hex	498194
RGB	73, 129, 148
RGB Percent	29%, 51%, 58%
CMY	0.7137, 0.4941, 0.4196
CMYK	0.51, 0.13, 0.00, 0.42
HSL	195°, 34%, 43%
HSV	195°, 51%, 58%
XYZ	15.9432, 19.2551, 30.8933
YIQ	114.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

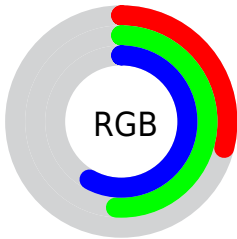
Format	Color
R_{YB}	73, 105, 148
Decimal	4817300
CIE _{Lab}	50.98, -12.98, -15.93
CIE _{LCh}	51, 20.546, 230.837
Yxy	19.2551, 0.2412, 0.2913
Android (android.graphics.Color)	4283007380 (0xFF498194)
YUV	114.4220, 16.5540, -36.3271
Hunter-Lab	43.8806, -11.9365, -11.0255

Details

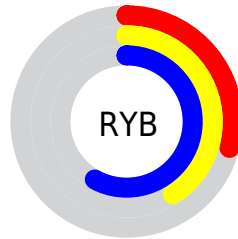
The XYZ color **15.9432, 19.2551, 30.8933** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2429, 14.4317, 8.1807**, and the grayscale version is **16.0818, 16.9193, 18.4251**.

A 20% lighter version of the original color is **36.1410, 42.2322, 62.1239**, and **5.1779, 6.6786, 12.3254** is the 20% darker color. If you saturate the color by 10%, you get **14.4678, 17.7752, 30.6858**, and if you desaturate by 10%, it is **17.7048, 20.9103, 31.1203**.

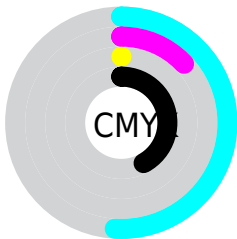
Distribution



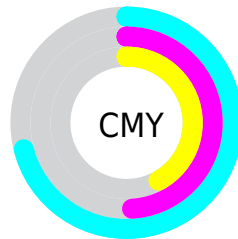
- Red (29%)
- Green (51%)
- Blue (58%)



- Red (29%)
- Yellow (41%)
- Blue (58%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9432, 19.2551, 30.8933 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 15.9432, 19.2551, 30.8933 by changing the saturation by 10% instead.

■ 15.9432, 19.2551,
30.8933

■ 15.9432, 19.2551,
30.8933

222.2833,
247.8535, 320.3824

■ 9.5746, 11.8548,
20.2598

■ 36.0578, 42.1647,
62.1497

■ 5.1779, 6.6449,
12.3981

■ 50.5345, 58.4428,
83.6096

■ 2.3878, 3.2410,
6.8896

■ 68.4446, 78.4489,
109.5155

■ 0.8391, 1.2588,
3.3157

■ 90.1534, 102.5674,
140.2858

■ 0.0000, 0.1090,
1.2580

■ 116.0263,
131.1827, 176.3391

■ 0.0000, 0.0000,
0.0270

146.4287,

■ 0.0000, 0.0000,

164.6792, 218.0940

0.0000

181.7259,
203.4413, 265.9689

■ 15.9432, 19.2551,
30.8933

■ 15.9432, 19.2551,
30.8933

■ 14.4678, 17.7752,
30.6858

■ 17.7048, 20.9103,
31.1203

■ 13.2574, 16.4580,
30.4953

■ 19.7683, 22.7480,
31.3662

■ 12.2905, 15.2927,
30.3214

■ 22.1505, 24.7773,
31.6324

■ 11.5413, 14.2658,
30.1626

■ 24.8661, 27.0063,
31.9195

■ 10.9763, 13.4001,
30.0253

■ 27.9291, 29.4425,
32.2283

■ 31.3527, 32.0927,
32.5594

■ 35.1492, 34.9637,
32.9134

■ 39.3304, 38.0618,
33.2911

■ 43.9076, 41.3932,
33.6928

Harmonies

Analogous

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



14.8873, 19.2551, 25.2031



15.9432, 19.2551, 30.8933



17.6863, 19.2551, 34.0662

Triad

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



15.9432, 19.2551, 30.8933



22.4360, 19.2551, 22.7983



16.9465, 19.2551, 12.1502

Complementary

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



15.9432, 19.2551, 30.8933



17.2429, 14.4317, 8.1807

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.



18.9306, 19.2551, 11.7453



15.9432, 19.2551, 30.8933



22.2012, 19.2551, 17.2318

Square

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



15.9432, 19.2551, 30.8933



21.5010, 19.2551, 28.8557



20.8814, 19.2551, 13.4313



15.4361, 19.2551, 14.6632

Rectangle

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



15.9432, 19.2551, 30.8933



19.0459, 19.2551, 33.9878



20.8814, 19.2551, 13.4313



17.5766, 19.2551, 11.7839

Sweetspot

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



15.9438, 19.2558, 30.8938



41.5832, 45.7868, 56.0807



15.2589, 23.3651, 13.7743



9.2847, 10.2812, 12.7799



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.



15.9438, 19.2558, 30.8938



25.1679, 30.9858, 54.0889



11.8990, 11.1663, 29.5455



5.8410, 6.3160, 7.3810



9.3978, 11.4905, 25.6536



0.1385, 0.1877, 0.3218

Inverse Universe

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



18.5583, 12.6465, 22.2325



30.5316, 18.6830, 36.0382



21.2990, 22.5439, 9.5327



5.9732, 5.8843, 6.9650



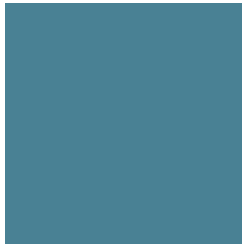
12.8707, 6.3533, 13.3319



0.1694, 0.0825, 0.2257

Previews

White Background



This preview shows how the XYZ color 15.9432, 19.2551, 30.8933 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 15.9432, 19.2551, 30.8933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

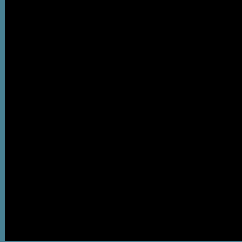
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9432, 19.2551, 30.8933

Background



This preview shows how black text looks on a background with the XYZ color 15.9432, 19.2551, 30.8933.



This preview shows how white text looks on a background with the XYZ color 15.9432, 19.2551,

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

15.9432, 19.2551, 30.8933

Protanopia

18.9351, 19.1678, 28.2930

Deuteranopia

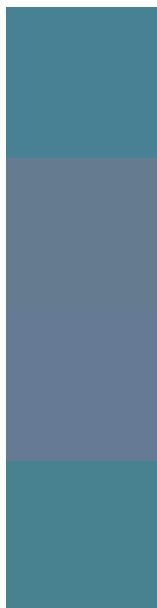
19.4547, 19.0104, 31.4982



Tritanopia

15.3889, 19.2279, 28.0996

Trichromacy



Original Color

15.9432, 19.2551, 30.8933

Protanomaly

17.4838, 18.9462, 29.1210

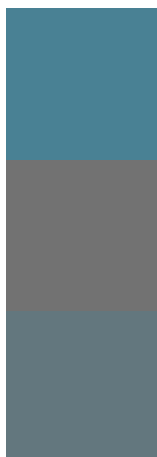
Deuteranomaly

17.8638, 18.9138, 31.1430

Tritanomaly

15.6892, 19.3566, 29.2948

Monochromacy



Original Color

15.9432, 19.2551, 30.8933

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5083, 17.3527, 22.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9432, 19.2551, 30.8933 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(73, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(73, 129, 148)  
}
```

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(73, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 129, 148) }
```

Border

The CSS property to change the border of an element to XYZ 15.9432, 19.2551, 30.8933 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(73, 129, 148) }
```


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

```
.border{ border-color:rgb(73, 129, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 129, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 129, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 129, 148);  
box-shadow:4px 4px 4px 4px rgb(73, 129,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9432, 19.2551, 30.8933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 129, 148) }
```

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

```
.background{ background-color: rgb(73, 129,  
148) }
```

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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