

Converting Colors

XYZ(15.8850, 19.3757, 27.9759)

Have a look what the booklet for
XYZ(15.8850, 19.3757, 27.9759)
contains.

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Color

**XYZ(15.8824, 19.2859,
28.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	4F818D
RGB	79, 129, 141
RGB Percent	31%, 51%, 55%
CMY	0.6902, 0.4941, 0.4471
CMYK	0.44, 0.09, 0.00, 0.45
HSL	192°, 28%, 43%
HSV	192°, 44%, 55%
XYZ	15.8824, 19.2859, 28.0848
YIQ	115.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

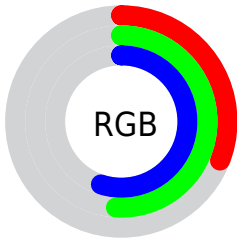
Format	Color
R_{YB}	79, 107, 141
Decimal	5210509
CIE _{Lab}	51.02, -13.48, -11.76
CIE _{LCh}	51, 17.889, 221.100
Yxy	19.2859, 0.2511, 0.3049
Android (android.graphics.Color)	4283400589 (0xFF4F818D)
YUV	115.4180, 12.6119, -31.9386
Hunter-Lab	43.9157, -12.2968, -7.1759

Details

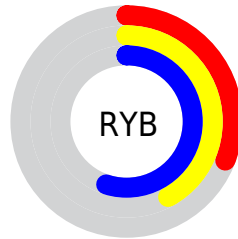
The XYZ color **15.8824, 19.2859, 28.0848** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1371, 13.7096, 9.1932**, and the grayscale version is **16.3933, 17.2470, 18.7820**.

A 20% lighter version of the original color is **35.9383, 42.2213, 57.8851**, and **5.1830, 6.7123, 10.9200** is the 20% darker color. If you saturate the color by 10%, you get **14.4772, 18.0354, 27.9178**, and if you desaturate by 10%, it is **17.5472, 20.6853, 28.2675**.

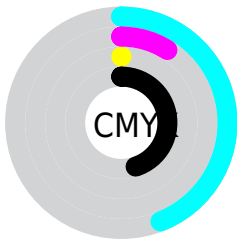
Distribution



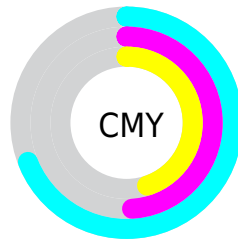
- Red (31%)
- Green (51%)
- Blue (55%)



- Red (31%)
- Yellow (42%)
- Blue (55%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8824, 19.2859, 28.0848 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 15.8824, 19.2859, 28.0848 by changing the saturation by 10% instead.

■ 15.8824, 19.2859,
28.0848

■ 15.8824, 19.2859,
28.0848

221.9308,
248.0226, 306.7966

■ 9.5313, 11.8770,
18.1500

■ 35.9530, 42.2166,
57.6445

■ 5.1492, 6.6600,
10.8872

■ 50.4033, 58.5073,
78.1065

■ 2.3707, 3.2504,
5.8778

■ 68.2839, 78.5274,
102.9147

■ 0.8305, 1.2638,
2.7033

■ 89.9603, 102.6613,
132.4875

■ 0.0000, 0.1129,
0.9451

■ 115.7979,
131.2933, 167.2436

■ 0.0000, 0.0000,
0.0000

146.1619,

164.8080, 207.6014

181.4178,
203.5896, 253.9796

■ 15.8824, 19.2859,
28.0848

■ 15.8824, 19.2859,
28.0848

■ 14.4772, 18.0354,
27.9178

■ 17.5472, 20.6853,
28.2675

■ 13.3138, 16.9233,
27.7645

■ 19.4844, 22.2391,
28.4653

■ 12.3751, 15.9411,
27.6244

■ 21.7079, 23.9550,
28.6793

■ 11.6408, 15.0781,
27.4965

■ 24.2304, 25.8395,
28.9101

■ 11.0859, 14.3214,
27.3797

■ 27.0635, 27.8989,
29.1583

■ 10.7928, 13.8932,
27.3125

■ 30.2185, 30.1390,
29.4244

■ 33.7059, 32.5653,
29.7089

■ 37.5358, 35.1832,
30.0124

■ 41.7177, 37.9976,
30.3352

Harmonies

Analogous

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



15.1880, 19.2859, 22.9332



15.8824, 19.2859, 28.0848



17.2496, 19.2859, 31.6433

Triad

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



15.8824, 19.2859, 28.0848



21.7449, 19.2859, 24.3192



17.6829, 19.2859, 12.8091

Complementary

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



15.8824, 19.2859, 28.0848



16.1371, 13.7096, 9.1932

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.



19.4560, 19.2859, 13.0576



15.8824, 19.2859, 28.0848



21.8795, 19.2859, 19.1769

Square

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



15.8824, 19.2859, 28.0848



20.6616, 19.2859, 29.2390



21.0184, 19.2859, 15.2182



16.1820, 19.2859, 14.4738

Rectangle

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



15.8824, 19.2859, 28.0848



18.3961, 19.2859, 32.3371



21.0184, 19.2859, 15.2182



18.2654, 19.2859, 12.6796

Sweetspot

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



15.8830, 19.2866, 28.0853



39.1698, 43.1225, 51.3869



14.6108, 21.4569, 13.1268



8.5615, 9.4893, 11.4598



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.8830, 19.2866, 28.0853



25.8879, 32.2630, 49.9908



12.4597, 12.4401, 26.9442



5.4728, 5.9414, 6.8871



9.8518, 12.6897, 24.9072



0.1089, 0.1507, 0.2430

Inverse Universe

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



17.7434, 12.8401, 22.3130



29.7931, 19.5515, 37.6904



19.2782, 19.9917, 10.2402



5.5821, 5.4934, 6.5635



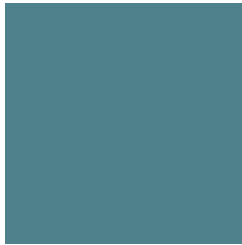
12.7759, 6.2674, 15.0029



0.1296, 0.0629, 0.1825

Previews

White Background



This preview shows how the XYZ color 15.8824, 19.2859, 28.0848 looks on a white background.

Color Contrast Check

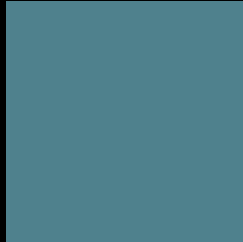
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8824, 19.2859, 28.0848 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 15.8824, 19.2859, 28.0848

Background



This preview shows how black text looks on a background with the XYZ color 15.8824, 19.2859, 28.0848.



This preview shows how white text looks on a background with the XYZ color 15.8824, 19.2859,

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

15.8824, 19.2859, 28.0848

Protanopia

18.6974, 19.1041, 25.6237

Deuteranopia

19.4624, 19.0776, 28.6432



Tritanopia

15.8083, 19.2562, 27.6946

Trichromacy



Original Color

15.8824, 19.2859, 28.0848

Protanomaly

17.3072, 18.9151, 26.4057

Deuteranomaly

17.7859, 18.9362, 28.3088

Tritanomaly

15.8083, 19.2562, 27.6946

Monochromacy



Original Color

15.8824, 19.2859, 28.0848

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8341, 17.7130, 21.6532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8824, 19.2859, 28.0848 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, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(79, 129, 141)  
}
```

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, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 129, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.8824, 19.2859, 28.0848 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, 129, 141) }
```


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

```
.border{ border-color:rgb(79, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(79, 129,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8824, 19.2859, 28.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 129, 141) }
```

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

```
.background{ background-color: rgb(79, 129,  
141) }
```

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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