

Converting Colors

XYZ(14.2937, 17.9807, 18.0608)

Have a look what the booklet for
XYZ(14.2937, 17.9807, 18.0608)
contains.

XYZ(14.2827, 17.9118, 18.0338)	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(14.2827, 17.9118,
18.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	587D70
RGB	88, 125, 112
RGB Percent	35%, 49%, 44%
CMY	0.6549, 0.5098, 0.5608
CMYK	0.30, 0.00, 0.10, 0.51
HSL	159°, 17%, 42%
HSV	159°, 30%, 49%
XYZ	14.2827, 17.9118, 18.0338
YIQ	112.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

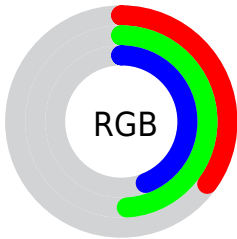
Format	Color
R _Y B	88, 110, 125
Decimal	5799280
CIE Lab	49.39, -16.03, 2.91
CIE LCh	49, 16.286, 169.725
Yxy	17.9118, 0.2844, 0.3566
Android (android.graphics.Color)	4283989360 (0xFF587D70)
YUV	112.4550, -0.2243, -21.4470
Hunter-Lab	42.3223, -13.8249, 4.3618

Details

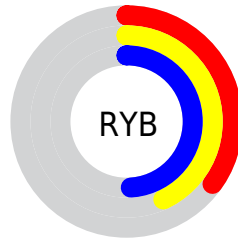
The XYZ color **14.2827, 17.9118, 18.0338** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2967, 12.2793, 13.9291**, and the grayscale version is **15.5397, 16.3489, 17.8040**.

A 20% lighter version of the original color is **33.2687, 40.0101, 41.0912**, and **4.3849, 5.9902, 5.7756** is the 20% darker color. If you saturate the color by 10%, you get **12.9609, 17.2584, 16.7265**, and if you desaturate by 10%, it is **15.8204, 18.6760, 19.4142**.

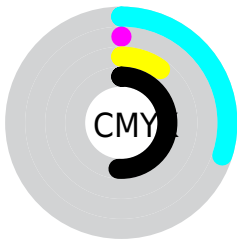
Distribution



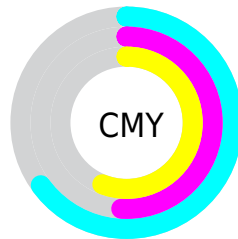
- Red (35%)
- Green (49%)
- Blue (44%)



- Red (35%)
- Yellow (43%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2827, 17.9118, 18.0338 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 14.2827, 17.9118, 18.0338 by changing the saturation by 10% instead.

■ 14.2827, 17.9118,
18.0338

■ 14.2827, 17.9118,
18.0338

212.4581,
240.3734, 253.3040

■ 8.4006, 10.8867,
10.8046

■ 33.1719, 39.8870,
40.9096

■ 4.4063, 5.9907,
5.8231

■ 46.9097, 55.6058,
57.3933

■ 1.9344, 2.8394,
2.6707

■ 63.9967, 74.9914,
77.7989

■ 0.5967, 1.0485,
0.9286

■ 84.7983, 98.4280,
102.5449

■ 0.0000, 0.0000,
0.0000

■ 109.6799,
126.3002, 132.0498

139.0069,

158.9922, 166.7323

173.1445,
196.8885, 207.0109

■ 14.2827, 17.9118,
18.0338

■ 14.2827, 17.9118,
18.0338

■ 12.9609, 17.2584,
16.7265

■ 15.8204, 18.6760,
19.4142

■ 11.8429, 16.7083,
15.4898

■ 17.5822, 19.5539,
20.8679

■ 10.9179, 16.2563,
14.3227

■ 19.5778, 20.5510,
22.3966

■ 10.1731, 15.8959,
13.2236

■ 21.8159, 21.6715,
24.0014

■ 9.5944, 15.6199,
12.1910

■ 24.3047, 22.9199,
25.6835

■ 9.1655, 15.4197,
11.2230

■ 27.0518, 24.3000,
27.4442

■ 8.8350, 15.2691,
10.3164

■ 30.0649, 25.8156,
29.2846

■ 8.8222, 15.2632,
10.2814

■ 33.3511, 27.4706,
31.2057

■ 36.9171, 29.2683,
33.2087

Harmonies

Analogous

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



14.8708, 17.9118, 14.5334



14.2827, 17.9118, 18.0338



14.3949, 17.9118, 22.4969

Triad

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



14.2827, 17.9118, 18.0338



18.0402, 17.9118, 28.5900



19.0046, 17.9118, 13.7390

Complementary

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



14.2827, 17.9118, 18.0338



14.2967, 12.2793, 13.9291

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.



19.9565, 17.9118, 16.7871



14.2827, 17.9118, 18.0338



19.3770, 17.9118, 25.4930

Square

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



14.2827, 17.9118, 18.0338



16.5036, 17.9118, 29.0576



20.0968, 17.9118, 21.0497



17.5565, 17.9118, 12.3125

Rectangle

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



14.2827, 17.9118, 18.0338



14.8542, 17.9118, 25.4188



20.0968, 17.9118, 21.0497



19.3969, 17.9118, 14.5845

Sweetspot

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



14.2832, 17.9125, 18.0342



31.6132, 35.0792, 37.4701



14.5261, 18.1721, 11.9746



7.0977, 7.9327, 8.4489



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.2832, 17.9125, 18.0342



23.8181, 31.2051, 30.5784



14.4512, 17.0050, 21.9236



4.3842, 4.8620, 5.1946



9.2039, 15.9281, 10.7123



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.2967, 12.2793, 13.9291



23.8483, 19.2817, 21.8977



14.1279, 12.8819, 10.9745



4.3853, 4.3673, 4.8336



9.2969, 4.7384, 2.8871



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2827, 17.9118, 18.0338 looks on a white 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

Black Background



This preview shows how the XYZ color 14.2827, 17.9118, 18.0338 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 14.2827, 17.9118, 18.0338

Background



This preview shows how black text looks on a background with the XYZ color 14.2827, 17.9118, 18.0338.

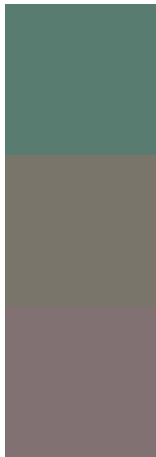


This preview shows how white text looks on a background with the XYZ color 14.2827, 17.9118,

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

14.2827, 17.9118, 18.0338

Protanopia

16.9003, 17.8491, 16.4644

Deuteranopia

17.9957, 17.6923, 18.3861



Tritanopia

15.5380, 17.8603, 24.4582

Trichromacy



Original Color

14.2827, 17.9118, 18.0338

Protanomaly

15.7835, 17.7883, 17.0696

Deuteranomaly

16.2814, 17.4922, 18.1410

Tritanomaly

15.0990, 17.8707, 22.0556

Monochromacy



Original Color

14.2827, 17.9118, 18.0338

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8794, 16.7760, 17.7831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2827, 17.9118, 18.0338 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(88, 125, 112) looks like.

```
.text, #text, p{  
    color:rgb(88, 125, 112)  
}
```

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(88, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.2827, 17.9118, 18.0338 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(88, 125, 112) }
```


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

```
.border{ border-color:rgb(88, 125, 112) }
```

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

Here you see how a box with a 4 pixel rgb(88, 125, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(88, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2827, 17.9118, 18.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 125, 112) }
```

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

```
.background{ background-color: rgb(88, 125,  
112) }
```

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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