

Converting Colors

XYZ(18.7416, 26.2858, 28.1306)

Have a look what the booklet for
XYZ(18.7416, 26.2858, 28.1306)
contains.

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Color

**XYZ(18.7416, 26.2858,
28.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	479A8A
RGB	71, 154, 138
RGB Percent	28%, 60%, 54%
CMY	0.7216, 0.3961, 0.4588
CMYK	0.54, 0.00, 0.10, 0.40
HSL	168°, 37%, 44%
HSV	168°, 54%, 60%
XYZ	18.7416, 26.2858, 28.1306
YIQ	127.3590, -44.3320, -22.5720

Conversions

Conversions Part 2

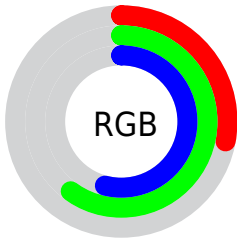
Format	Color
R_{YB}	71, 117, 154
Decimal	4692618
CIE _{Lab}	58.31, -29.27, 0.74
CIE _{LCh}	58, 29.277, 178.560
Yxy	26.2858, 0.2562, 0.3593
Android (android.graphics.Color)	4282882698 (0xFF479A8A)
YUV	127.3590, 5.2460, -49.4268
Hunter-Lab	51.2697, -24.4714, 3.3576

Details

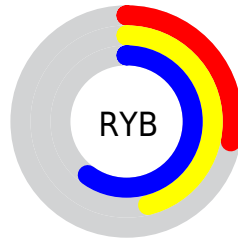
The XYZ color **18.7416, 26.2858, 28.1306** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.3009, 12.0654, 10.4349**, and the grayscale version is **20.2904, 21.3471, 23.2470**.

A 20% lighter version of the original color is **40.8086, 53.7981, 57.5235**, and **6.5128, 10.2073, 10.8595** is the 20% darker color. If you saturate the color by 10%, you get **17.5403, 25.6916, 26.9680**, and if you desaturate by 10%, it is **20.2366, 27.0320, 29.3388**.

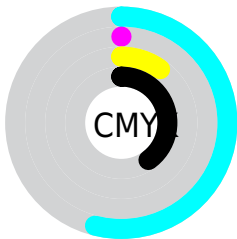
Distribution



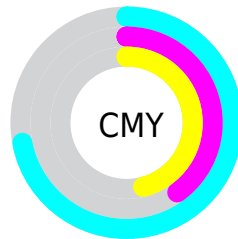
- Red (28%)
- Green (60%)
- Blue (54%)



- Red (28%)
- Yellow (46%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7416, 26.2858, 28.1306 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 18.7416, 26.2858, 28.1306 by changing the saturation by 10% instead.

■ 18.7416, 26.2858,
28.1306

■ 18.7416, 26.2858,
28.1306

237.9841,
284.1822, 307.0220

■ 11.5866, 17.0376,
18.1842

■ 40.8173, 53.7357,
57.7185

■ 6.5330, 10.2613,
10.9115

■ 56.4686, 72.7061,
78.1971

■ 3.2155, 5.5725,
5.8940

■ 75.6829, 95.6860,
103.0235

■ 1.2687, 2.5869,
2.7130

■ 98.8253, 123.0598,
132.6163

■ 0.1596, 0.9201,
0.9499

■ 126.2613,
155.2120, 167.3940

■ 0.0000, 0.0000,
0.0000

158.3562,

192.5269, 207.7752

195.4753,
235.3888, 254.1783

■ 18.7416, 26.2858,
28.1306

■ 18.7416, 26.2858,
28.1306

■ 17.5403, 25.6916,
26.9680

■ 20.2366, 27.0320,
29.3388

■ 16.6082, 25.2350,
25.8479

■ 22.0427, 27.9372,
30.5918

■ 15.9208, 24.9038,
24.7694

■ 24.1789, 29.0119,
31.8915

■ 15.4477, 24.6824,
23.7309

■ 26.6617, 30.2646,
33.2388

■ 15.2139, 24.5753,
23.1141

■ 29.5067, 31.7033,
34.6347

■ 32.7285, 33.3355,
36.0800

■ 36.3408, 35.1683,
37.5757

■ 40.3566, 37.2085,
39.1226

■ 44.7886, 39.4625,
40.7215

Harmonies

Analogous

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



19.5825, 26.2858, 19.5577



18.7416, 26.2858, 28.1306



19.4365, 26.2858, 39.0636

Triad

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



18.7416, 26.2858, 28.1306



28.4045, 26.2858, 49.5450



28.7306, 26.2858, 14.9318

Complementary

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



18.7416, 26.2858, 28.1306



17.3009, 12.0654, 10.4349

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.



31.4975, 26.2858, 20.2276



18.7416, 26.2858, 28.1306



31.2970, 26.2858, 40.1237

Square

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



18.7416, 26.2858, 28.1306



24.8121, 26.2858, 53.0583



32.4779, 26.2858, 29.1166



25.1564, 26.2858, 13.1454

Rectangle

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



18.7416, 26.2858, 28.1306



20.7183, 26.2858, 45.9938



32.4779, 26.2858, 29.1166



29.7981, 26.2858, 16.2875

Sweetspot

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



18.7424, 26.2868, 28.1312



47.2777, 54.3934, 59.7769



16.6805, 25.6225, 10.0283



10.5023, 12.2113, 13.4242



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.7424, 26.2868, 28.1312



31.4111, 46.4472, 48.4906



16.2956, 19.4005, 33.4589



6.3335, 7.0061, 7.6796



12.4072, 20.0263, 18.8967



0.1971, 0.3041, 0.3438

Inverse Universe

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



17.3009, 12.0654, 10.4349



28.5305, 17.7640, 12.9317



18.6384, 15.6733, 8.0047



6.2551, 6.2412, 6.7233



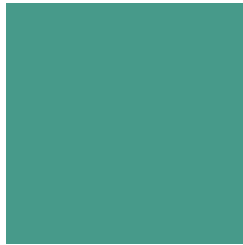
11.0557, 5.6765, 1.5523



0.1758, 0.0891, 0.0785

Previews

White Background



This preview shows how the XYZ color 18.7416, 26.2858, 28.1306 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 18.7416, 26.2858, 28.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

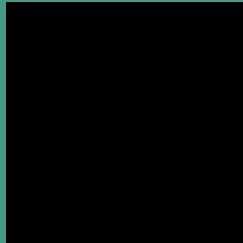
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7416, 26.2858, 28.1306

Background



This preview shows how black text looks on a background with the XYZ color 18.7416, 26.2858, 28.1306.

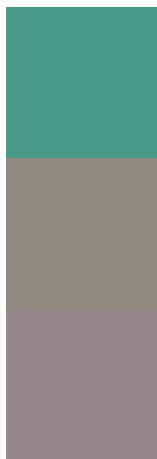


This preview shows how white text looks on a background with the XYZ color 18.7416, 26.2858,

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

18.7416, 26.2858, 28.1306

Protanopia

24.7635, 26.0062, 24.8336

Deuteranopia

26.4954, 25.9563, 29.2048



Tritanopia

20.7417, 26.1193, 38.5987

Trichromacy



Original Color

18.7416, 26.2858, 28.1306

Protanomaly

21.5430, 25.4219, 25.9618

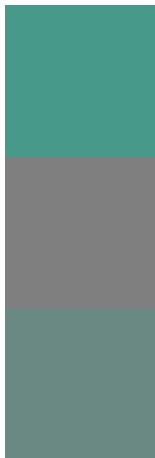
Deuteranomaly

22.6491, 25.4800, 28.9237

Tritanomaly

19.8798, 26.0028, 34.5431

Monochromacy



Original Color

18.7416, 26.2858, 28.1306

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1058, 22.6558, 24.8388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7416, 26.2858, 28.1306 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(71, 154, 138)` looks like.

```
.text, #text, p{  
    color:rgb(71, 154, 138)  
}
```

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(71, 154, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 154, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.7416, 26.2858, 28.1306 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(71, 154, 138) }
```


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

```
.border{ border-color:rgb(71, 154, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 154, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 154, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 154, 138);  
box-shadow:4px 4px 4px 4px rgb(71, 154,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7416, 26.2858, 28.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 154, 138) }
```

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

```
.background{ background-color: rgb(71, 154,  
138) }
```

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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