

Converting Colors

XYZ(16.1193, 18.3242, 27.3755)

Have a look what the booklet for
XYZ(16.1193, 18.3242, 27.3755)
contains.

XYZ(16.1310, 18.2835, 27.4898)	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(16.1310, 18.2835,
27.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7B8C
RGB	91, 123, 140
RGB Percent	36%, 48%, 55%
CMY	0.6431, 0.5176, 0.4510
CMYK	0.35, 0.12, 0.00, 0.45
HSL	201°, 21%, 45%
HSV	201°, 35%, 55%
XYZ	16.1310, 18.2835, 27.4898
YIQ	115.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

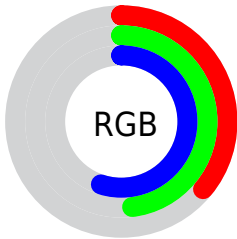
Format	Color
R _Y B	91, 110, 140
Decimal	5995404
CIE Lab	49.84, -6.96, -12.89
CIE LCh	50, 14.649, 241.648
Yxy	18.2835, 0.2606, 0.2954
Android (android.graphics.Color)	4284185484 (0xFF5B7B8C)
YUV	115.3700, 12.1426, -21.3725
Hunter-Lab	42.7592, -7.4891, -8.1860

Details

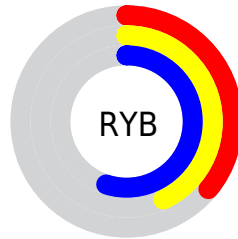
The XYZ color **16.1310, 18.2835, 27.4898** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0665, 17.0563, 12.2381**, and the grayscale version is **16.3781, 17.2310, 18.7646**.

A 20% lighter version of the original color is **36.3953, 40.3946, 56.9176**, and **5.2491, 6.1280, 10.5790** is the 20% darker color. If you saturate the color by 10%, you get **14.2900, 16.4625, 27.2357**, and if you desaturate by 10%, it is **18.2605, 20.2985, 27.7668**.

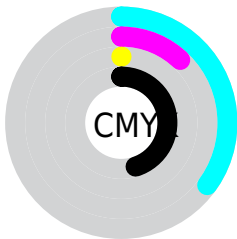
Distribution



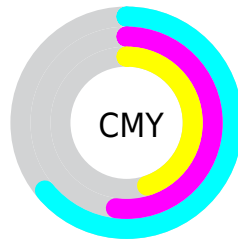
- Red (36%)
- Green (48%)
- Blue (55%)



- Red (36%)
- Yellow (43%)
- Blue (55%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1310, 18.2835, 27.4898 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 16.1310, 18.2835, 27.4898 by changing the saturation by 10% instead.

■ 16.1310, 18.2835,
27.4898

■ 16.1310, 18.2835,
27.4898

223.3687,
242.4642, 303.8557

■ 9.7083, 11.1537,
17.7057

■ 36.3811, 40.5198,
56.6821

■ 5.2668, 6.1703,
10.5717

■ 50.9392, 56.3951,
76.9274

■ 2.4410, 2.9489,
5.6691

■ 68.9399, 75.9544,
101.4969

■ 0.8656, 1.1051,
2.5794

■ 90.7485, 99.5821,
130.8091

■ 0.0000, 0.0000,
0.8818

116.7303,
127.6625, 165.2825

■ 0.0000, 0.0000,
0.0000

147.2507,

160.5800, 205.3358

182.6750,
198.7191, 251.3873

■ 16.1310, 18.2835,
27.4898

■ 16.1310, 18.2835,
27.4898

■ 14.2900, 16.4625,
27.2357

■ 18.2605, 20.2985,
27.7668

■ 12.7211, 14.8250,
27.0023

■ 20.6905, 22.5130,
28.0662

■ 11.4086, 13.3628,
26.7892

■ 23.4344, 24.9350,
28.3890

■ 10.3345, 12.0660,
26.5955

■ 26.5040, 27.5710,
28.7361

■ 9.4781, 10.9231,
26.4201

■ 29.9107, 30.4277,
29.1079

■ 8.8116, 9.9193,
26.2614

■ 33.6652, 33.5110,
29.5052

■ 8.5117, 9.4496,
26.1866

■ 37.7779, 36.8270,
29.9284

■ 42.2585, 40.3811,
30.3783

■ 47.1165, 44.1788,
30.8553

Harmonies

Analogous

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



15.1862, 18.2835, 24.2316



16.1310, 18.2835, 27.4898



17.4554, 18.2835, 28.6482

Triad

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



16.1310, 18.2835, 27.4898



20.2091, 18.2835, 19.6868



16.0038, 18.2835, 14.0410

Complementary

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



16.1310, 18.2835, 27.4898



18.0665, 17.0563, 12.2381

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.



17.3006, 18.2835, 13.1547



16.1310, 18.2835, 27.4898



19.7710, 18.2835, 16.1313

Square

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



16.1310, 18.2835, 27.4898



19.8555, 18.2835, 23.7966



18.6875, 18.2835, 13.8661



15.1156, 18.2835, 16.4673

Rectangle

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



16.1310, 18.2835, 27.4898



18.3897, 18.2835, 27.9649



18.6875, 18.2835, 13.8661



16.4039, 18.2835, 13.5689

Sweetspot

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



16.1316, 18.2842, 27.4902



38.7237, 41.6890, 49.7488



16.3644, 22.0493, 17.3961



8.7858, 9.4849, 11.4471



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.



16.1316, 18.2842, 27.4902



25.8388, 29.6749, 48.1089



13.5262, 13.0735, 26.6218



5.0292, 5.4014, 6.3833



7.5818, 8.4339, 23.2740



0.0641, 0.0835, 0.1592

Inverse Universe

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



18.1320, 14.4883, 20.5805



30.0089, 22.2903, 33.5858



20.9326, 22.7886, 13.1935



5.1614, 5.1000, 5.9382



11.3137, 5.6356, 9.4224



0.0821, 0.0402, 0.0991

Previews

White Background



This preview shows how the XYZ color 16.1310, 18.2835, 27.4898 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 16.1310, 18.2835, 27.4898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

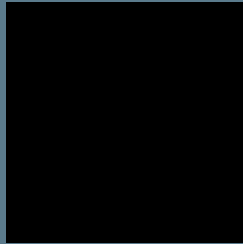
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.1310, 18.2835, 27.4898

Background



This preview shows how black text looks on a background with the XYZ color 16.1310, 18.2835, 27.4898.



This preview shows how white text looks on a background with the XYZ color 16.1310, 18.2835,

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

16.1310, 18.2835, 27.4898

Protanopia

17.8755, 18.1450, 25.8527

Deuteranopia

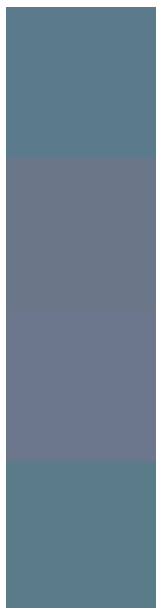
18.5991, 18.2953, 28.1423



Tritanopia

15.7272, 18.3102, 25.2596

Trichromacy



Original Color

16.1310, 18.2835, 27.4898

Protanomaly

17.0560, 18.0640, 26.2547

Deuteranomaly

17.5889, 18.3049, 27.8055

Tritanomaly

15.8680, 18.3665, 26.0013

Monochromacy



Original Color

16.1310, 18.2835, 27.4898

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0604, 17.4763, 21.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1310, 18.2835, 27.4898 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, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 140)  
}
```

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, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 140) }
```

Border

The CSS property to change the border of an element to XYZ 16.1310, 18.2835, 27.4898 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, 123, 140) }
```


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

```
.border{ border-color:rgb(91, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1310, 18.2835, 27.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 140) }
```

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

```
.background{ background-color: rgb(91, 123,  
140) }
```

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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