

Converting Colors

XYZ(16.2243, 18.4400, 26.9557)

Have a look what the booklet for
XYZ(16.2243, 18.4400, 26.9557)
contains.

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Color

**XYZ(16.2815, 18.5547,
27.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7C8B
RGB	92, 124, 139
RGB Percent	36%, 49%, 55%
CMY	0.6392, 0.5137, 0.4549
CMYK	0.34, 0.11, 0.00, 0.45
HSL	199°, 20%, 45%
HSV	199°, 34%, 55%
XYZ	16.2815, 18.5547, 27.1494
YIQ	116.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

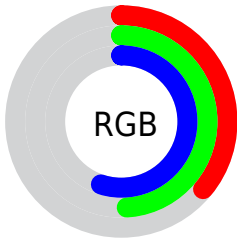
Format	Color
R_{YB}	92, 111, 139
Decimal	6061195
CIE _{Lab}	50.16, -7.49, -11.81
CIE _{LCh}	50, 13.987, 237.599
Yxy	18.5547, 0.2627, 0.2993
Android (android.graphics.Color)	4284251275 (0xFF5C7C8B)
YUV	116.1420, 11.2690, -21.1725
Hunter-Lab	43.0752, -7.9123, -7.2167

Details

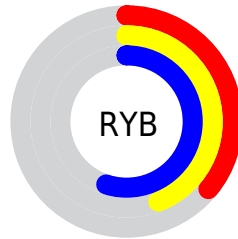
The XYZ color **16.2815, 18.5547, 27.1494** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8372, 16.7773, 12.4240**, and the grayscale version is **16.6162, 17.4816, 19.0374**.

A 20% lighter version of the original color is **36.7382, 41.1793, 55.8813**, and **5.3155, 6.2670, 10.3807** is the 20% darker color. If you saturate the color by 10%, you get **14.4750, 16.8170, 26.9095**, and if you desaturate by 10%, it is **18.3690, 20.4752, 27.4104**.

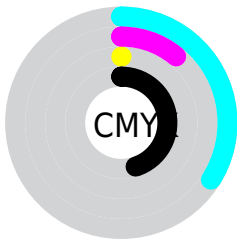
Distribution



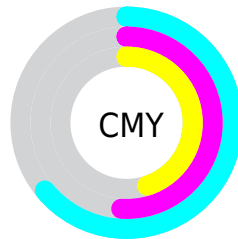
- Red (36%)
- Green (49%)
- Blue (55%)



- Red (36%)
- Yellow (44%)
- Blue (55%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2815, 18.5547, 27.1494 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 16.2815, 18.5547, 27.1494 by changing the saturation by 10% instead.

■ 16.2815, 18.5547,
27.1494

■ 16.2815, 18.5547,
27.1494

224.2350,
243.9793, 302.1628

■ 9.8157, 11.3490,
17.4520

■ 36.6397, 40.9803,
56.1302

■ 5.3382, 6.3021,
10.3919

■ 51.2628, 56.9689,
76.2506

■ 2.4838, 3.0296,
5.5506

■ 69.3358, 76.6540,
100.6826

■ 0.8871, 1.1472,
2.5095

■ 91.2239, 100.4198,
129.8445

■ 0.0000, 0.0179,
0.8452

117.2925,
128.6509, 164.1549

■ 0.0000, 0.0000,
0.0000

147.9070,

161.7316, 204.0324

183.4327,
200.0462, 249.8955

■ 16.2815, 18.5547,
27.1494

■ 16.2815, 18.5547,
27.1494

■ 14.4750, 16.8170,
26.9095

■ 18.3690, 20.4752,
27.4104

■ 12.9334, 15.2522,
26.6887

■ 20.7489, 22.5837,
27.6919

■ 11.6418, 13.8523,
26.4866

■ 23.4342, 24.8876,
27.9951

■ 10.5827, 12.6080,
26.3022

■ 26.4365, 27.3935,
28.3205

■ 9.7363, 11.5084,
26.1346

■ 29.7666, 30.1074,
28.6689

■ 9.0785, 10.5407,
25.9825

■ 33.4352, 33.0351,
29.0406

■ 8.7203, 9.9842,
25.8940

■ 37.4520, 36.1822,
29.4364

■ 41.8266, 39.5541,
29.8566

■ 46.5683, 43.1558,
30.3019

Harmonies

Analogous

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



15.4346, 18.5547, 23.8451



16.2815, 18.5547, 27.1494



17.5272, 18.5547, 28.5745

Triad

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



16.2815, 18.5547, 27.1494



20.3574, 18.5547, 20.5158



16.4606, 18.5547, 14.3068

Complementary

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



16.2815, 18.5547, 27.1494



17.8372, 16.7773, 12.4240

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.



17.7446, 18.5547, 13.6505



16.2815, 18.5547, 27.1494



20.0366, 18.5547, 16.9519

Square

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



16.2815, 18.5547, 27.1494



19.9185, 18.5547, 24.4523



19.0630, 18.5547, 14.5556



15.5343, 18.5547, 16.4768

Rectangle

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



16.2815, 18.5547, 27.1494



18.4320, 18.5547, 28.1466



19.0630, 18.5547, 14.5556



16.8627, 18.5547, 13.9150

Sweetspot

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



16.2821, 18.5554, 27.1498



38.8216, 41.8850, 49.7815



16.2944, 21.8000, 17.2273



8.8110, 9.5353, 11.4555



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.



16.2821, 18.5554, 27.1498



26.5055, 30.6892, 48.2696



13.6909, 13.3730, 26.2861



5.0405, 5.4240, 6.3871



7.8862, 9.0427, 23.3755



0.0656, 0.0866, 0.1597

Inverse Universe

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



18.1132, 14.5990, 20.9328



30.4234, 22.7543, 34.8487



20.6133, 22.3295, 13.3493



5.1671, 5.1023, 5.9682



11.4674, 5.6971, 10.2316



0.0829, 0.0405, 0.1032

Previews

White Background



This preview shows how the XYZ color 16.2815, 18.5547, 27.1494 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 16.2815, 18.5547, 27.1494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

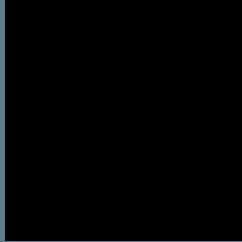
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

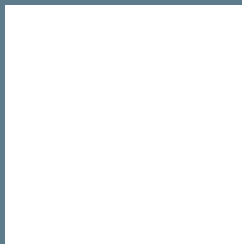
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2815, 18.5547, 27.1494

Background



This preview shows how black text looks on a background with the XYZ color 16.2815, 18.5547, 27.1494.



This preview shows how white text looks on a background with the XYZ color 16.2815, 18.5547,

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

16.2815, 18.5547, 27.1494

Protanopia

18.0541, 18.4191, 25.5254

Deuteranopia

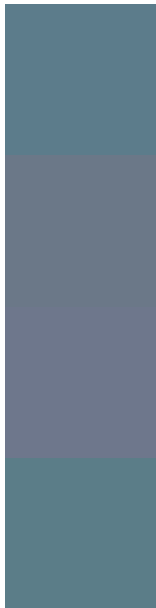
18.7988, 18.4069, 27.7614



Tritanopia

16.0212, 18.6406, 25.6753

Trichromacy



Original Color

16.2815, 18.5547, 27.1494

Protanomaly

17.2238, 18.3363, 25.9240

Deuteranomaly

17.7609, 18.4021, 27.4268

Tritanomaly

16.0919, 18.6690, 26.0479

Monochromacy



Original Color

16.2815, 18.5547, 27.1494

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2983, 17.7747, 21.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2815, 18.5547, 27.1494 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(92, 124, 139) looks like.

```
.text, #text, p{  
    color:rgb(92, 124, 139)  
}
```

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(92, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.2815, 18.5547, 27.1494 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(92, 124, 139) }
```


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

```
.border{ border-color:rgb(92, 124, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(92, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2815, 18.5547, 27.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 124, 139) }
```

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

```
.background{ background-color: rgb(92, 124,  
139) }
```

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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