

Converting Colors

XYZ(16.1531, 18.4657, 26.9506)

Have a look what the booklet for
XYZ(16.1531, 18.4657, 26.9506)
contains.

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Color

**XYZ(16.1822, 18.5035,
27.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7C8B
RGB	91, 124, 139
RGB Percent	36%, 49%, 55%
CMY	0.6431, 0.5137, 0.4549
CMYK	0.35, 0.11, 0.00, 0.45
HSL	199°, 21%, 45%
HSV	199°, 35%, 55%
XYZ	16.1822, 18.5035, 27.1447
YIQ	115.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

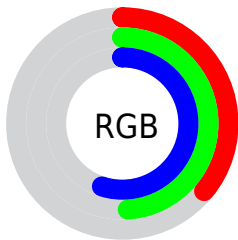
Format	Color
R_{YB}	91, 111, 139
Decimal	5995659
CIE _{Lab}	50.10, -7.80, -11.91
CIE _{LCh}	50, 14.233, 236.780
Yxy	18.5035, 0.2617, 0.2993
Android (android.graphics.Color)	4284185739 (0xFF5B7C8B)
YUV	115.8430, 11.4164, -21.7873
Hunter-Lab	43.0157, -8.1270, -7.3035

Details

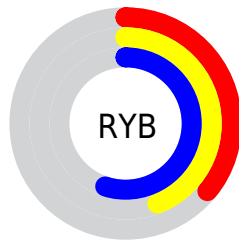
The XYZ color **16.1822, 18.5035, 27.1447** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6901, 16.5525, 12.1606**, and the grayscale version is **16.5244, 17.3849, 18.9322**.

A 20% lighter version of the original color is **36.5643, 41.0897, 55.8731**, and **5.2741, 6.2457, 10.3788** is the 20% darker color. If you saturate the color by 10%, you get **14.4046, 16.7972, 26.9094**, and if you desaturate by 10%, it is **18.2388, 20.3901, 27.4008**.

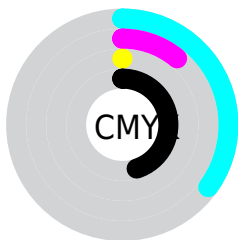
Distribution



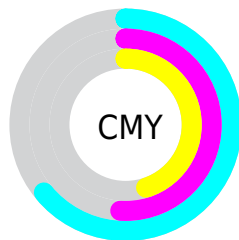
- Red (36%)
- Green (49%)
- Blue (55%)



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



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1822, 18.5035, 27.1447 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 16.1822, 18.5035, 27.1447 by changing the saturation by 10% instead.

■ 16.1822, 18.5035,
27.1447

■ 16.1822, 18.5035,
27.1447

223.6638,
243.6939, 302.1394

■ 9.7448, 11.3121,
17.4485

■ 36.4691, 40.8934,
56.1225

■ 5.2911, 6.2771,
10.3895

■ 51.0494, 56.8607,
76.2413

■ 2.4555, 3.0143,
5.5490

■ 69.0747, 76.5221,
100.6713

■ 0.8729, 1.1392,
2.5085

■ 90.9103, 100.2619,
129.8311

■ 0.0000, 0.0112,
0.8447

116.9217,
128.4646, 164.1393

■ 0.0000, 0.0000,
0.0000

147.4742,

161.5146, 204.0144

182.9331,
199.7962, 249.8749

■ 16.1822, 18.5035,
27.1447

■ 16.1822, 18.5035,
27.1447

■ 14.4046, 16.7972,
26.9094

■ 18.2388, 20.3901,
27.4008

■ 12.8898, 15.2611,
26.6927

■ 20.5859, 22.4621,
27.6770

■ 11.6229, 13.8874,
26.4943

■ 23.2365, 24.7270,
27.9745

■ 10.5862, 12.6666,
26.3133

■ 26.2021, 27.1913,
28.2938

■ 9.7597, 11.5880,
26.1487

■ 29.4938, 29.8609,
28.6356

■ 9.1176, 10.6376,
25.9991

■ 33.1220, 32.7418,
29.0005

■ 8.8037, 10.1510,
25.9217

■ 37.0967, 35.8395,
29.3889

■ 41.4273, 39.1592,
29.8014

■ 46.1232, 42.7061,
30.2385

Harmonies

Analogous

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



15.3374, 18.5035, 23.7432



16.1822, 18.5035, 27.1447



17.4394, 18.5035, 28.6625

Triad

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



16.1822, 18.5035, 27.1447



20.3520, 18.5035, 20.5742



16.4260, 18.5035, 14.1318

Complementary

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



16.1822, 18.5035, 27.1447



17.6901, 16.5525, 12.1606

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.



17.7355, 18.5035, 13.5113



16.1822, 18.5035, 27.1447



20.0465, 18.5035, 16.9339

Square

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



16.1822, 18.5035, 27.1447



19.8854, 18.5035, 24.5720



19.0709, 18.5035, 14.4691



15.4729, 18.5035, 16.2882

Rectangle

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



16.1822, 18.5035, 27.1447



18.3590, 18.5035, 28.2728



19.0709, 18.5035, 14.4691



16.8370, 18.5035, 13.7498

Sweetspot

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



16.1828, 18.5042, 27.1451



38.8451, 41.9320, 49.7893



16.1178, 21.7179, 16.8155



8.8171, 9.5473, 11.4575



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.



16.1828, 18.5042, 27.1451



26.5895, 30.8571, 48.2976



13.5899, 13.3185, 26.2808



5.0432, 5.4294, 6.3880



7.9613, 9.1930, 23.4005



0.0660, 0.0873, 0.1598

Inverse Universe

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



18.0271, 14.4268, 20.9041



30.4657, 22.7712, 35.0718



20.4392, 22.0508, 13.0769



5.1684, 5.1028, 5.9754



11.5053, 5.7122, 10.4313



0.0830, 0.0406, 0.1041

Previews

White Background



This preview shows how the XYZ color 16.1822, 18.5035, 27.1447 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 16.1822, 18.5035, 27.1447 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

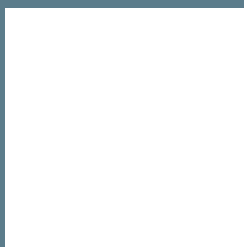
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1822, 18.5035, 27.1447

Background



This preview shows how black text looks on a background with the XYZ color 16.1822, 18.5035, 27.1447.



This preview shows how white text looks on a background with the XYZ color 16.1822, 18.5035,

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

16.1822, 18.5035, 27.1447

Protanopia

18.0541, 18.4191, 25.5254

Deuteranopia

18.7988, 18.4069, 27.7614



Tritanopia

15.9232, 18.5902, 25.6707

Trichromacy



Original Color

16.1822, 18.5035, 27.1447

Protanomaly

17.2238, 18.3363, 25.9240

Deuteranomaly

17.6371, 18.3383, 27.4210

Tritanomaly

15.9940, 18.6185, 26.0433

Monochromacy



Original Color

16.1822, 18.5035, 27.1447

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 16.1822, 18.5035, 27.1447 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, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 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(91, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 124, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.1822, 18.5035, 27.1447 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, 124, 139) }
```


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

```
.border{ border-color:rgb(91, 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(91, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 124,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1822, 18.5035, 27.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 124, 139) }
```

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

```
.background{ background-color: rgb(91, 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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