

Converting Colors

XYZ(19.4134, 18.9498, 27.0186)

Have a look what the booklet for
XYZ(19.4134, 18.9498, 27.0186)
contains.

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Color

**XYZ(19.3337, 18.8717,
27.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	7C758B
RGB	124, 117, 139
RGB Percent	49%, 46%, 55%
CMY	0.5137, 0.5412, 0.4549
CMYK	0.11, 0.16, 0.00, 0.45
HSL	259°, 9%, 50%
HSV	259°, 16%, 55%
XYZ	19.3337, 18.8717, 27.0497
YIQ	121.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

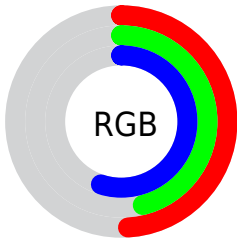
Format	Color
R_{YB}	124, 117, 139
Decimal	8156555
CIE _{Lab}	50.54, 7.26, -11.01
CIE _{LCh}	51, 13.187, 303.399
Yxy	18.8717, 0.2963, 0.2892
Android (android.graphics.Color)	4286346635 (0xFF7C758B)
YUV	121.6010, 8.5777, 2.1039
Hunter-Lab	43.4416, 3.4188, -6.5089

Details

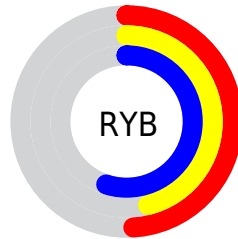
The XYZ color **19.3337, 18.8717, 27.0497** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9597, 24.6555, 20.4320**, and the grayscale version is **18.3428, 19.2981, 21.0156**.

A 20% lighter version of the original color is **41.8339, 41.5288, 55.6802**, and **6.8329, 6.4734, 10.3405** is the 20% darker color. If you saturate the color by 10%, you get **16.5285, 15.1977, 26.4887**, and if you desaturate by 10%, it is **22.5122, 23.0962, 27.6979**.

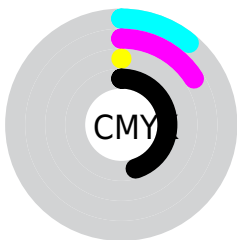
Distribution



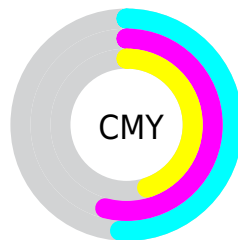
- Red (49%)
- Green (46%)
- Blue (55%)



- Red (49%)
- Yellow (46%)
- Blue (55%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3337, 18.8717, 27.0497 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 19.3337, 18.8717, 27.0497 by changing the saturation by 10% instead.

■ 19.3337, 18.8717,
27.0497

■ 19.3337, 18.8717,
27.0497

241.1877,
245.7396, 301.6655

■ 12.0171, 11.5776,
17.3778

■ 41.8097, 41.5172,
55.9683

■ 6.8276, 6.4568,
10.3394

■ 57.6999, 57.6374,
76.0521

■ 3.3999, 3.1248,
5.5160

■ 77.1786, 77.4684,
100.4436

■ 1.3686, 1.1972,
2.4891

100.6112,
101.3946, 129.5613

■ 0.2337, 0.0594,
0.8344

128.3630,
129.8004, 163.8238

■ 0.0000, 0.0000,
0.0000

160.7995,

163.0703, 203.6497

198.2860,
201.5885, 249.4574

■ 19.3337, 18.8717,
27.0497

■ 19.3337, 18.8717,
27.0497

■ 16.5285, 15.1977,
26.4887

■ 22.5122, 23.0962,
27.6979

■ 14.0807, 12.0487,
26.0099

■ 26.0757, 27.8904,
28.4354

■ 11.9756, 9.4009,
25.6098

■ 30.0377, 33.2756,
29.2661

■ 10.1968, 7.2275,
25.2840

■ 34.4101, 39.2713,
30.1929

■ 8.7265, 5.4993,
25.0279

■ 39.2048, 45.8959,
31.2189

7.5451, 4.1837,
24.8362

44.4328, 53.1672,
32.3468

6.6304, 3.2433,
24.7030

50.1049, 61.1023,
33.5795

5.9507, 2.6229,
24.6190

56.2314, 69.7176,
34.9195

5.7087, 2.4046,
24.5896

62.8223, 79.0288,
36.3694

Harmonies

Analogous

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



18.0841, 18.8717, 28.4642



19.3337, 18.8717, 27.0497



20.2415, 18.8717, 23.8871

Triad

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



19.3337, 18.8717, 27.0497



19.0678, 18.8717, 14.8411



15.5788, 18.8717, 20.9710

Complementary

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



19.3337, 18.8717, 27.0497



21.9597, 24.6555, 20.4320

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.



15.8144, 18.8717, 17.5357



19.3337, 18.8717, 27.0497



17.7907, 18.8717, 14.2552

Square

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



19.3337, 18.8717, 27.0497



20.0829, 18.8717, 16.8891



16.6092, 18.8717, 15.1819



15.9497, 18.8717, 24.7006

Rectangle

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



19.3337, 18.8717, 27.0497



20.5087, 18.8717, 21.3735



16.6092, 18.8717, 15.1819



15.5897, 18.8717, 19.7442

Sweetspot

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



19.3343, 18.8725, 27.0501



40.7494, 41.9422, 49.6909



20.2527, 22.1581, 27.6359



9.3029, 9.5484, 11.4321



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.



19.3343, 18.8725, 27.0501



32.7462, 31.3253, 48.0634



21.0083, 19.7355, 27.1285



4.9147, 4.9645, 6.3050



5.1687, 2.1787, 22.1938



0.0483, 0.0216, 0.1481

Inverse Universe

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



21.1741, 19.8782, 24.5512



36.7129, 33.4950, 42.6126



20.3339, 23.8174, 20.3559



5.1673, 5.1023, 5.9693



11.4728, 5.6992, 10.2601



0.0829, 0.0405, 0.1033

Previews

White Background



This preview shows how the XYZ color 19.3337, 18.8717, 27.0497 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 19.3337, 18.8717, 27.0497 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 19.3337, 18.8717, 27.0497

Background



This preview shows how black text looks on a background with the XYZ color 19.3337, 18.8717, 27.0497.



This preview shows how white text looks on a background with the XYZ color 19.3337, 18.8717,

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

19.3337, 18.8717, 27.0497

Protanopia

18.6070, 18.8297, 27.8531

Deuteranopia

19.1899, 18.7976, 27.0430



Tritanopia

18.5191, 18.8897, 23.0921

Trichromacy



Original Color

19.3337, 18.8717, 27.0497

Protanomaly

18.8198, 18.7723, 27.4424

Deuteranomaly

19.1899, 18.7976, 27.0430

Tritanomaly

18.8117, 18.8338, 24.4736

Monochromacy



Original Color

19.3337, 18.8717, 27.0497

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.7811, 19.2024, 23.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3337, 18.8717, 27.0497 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(124, 117, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 117, 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(124, 117, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 117, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.3337, 18.8717, 27.0497 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(124, 117, 139) }
```


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

```
.border{ border-color:rgb(124, 117, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 117, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 117, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 117, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 117,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3337, 18.8717, 27.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 117, 139) }
```

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

```
.background{ background-color: rgb(124,  
117, 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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