

Converting Colors

XYZ(19.7176, 18.8330, 27.1603)

Have a look what the booklet for
XYZ(19.7176, 18.8330, 27.1603)
contains.

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Color

**XYZ(19.8077, 18.9441,
27.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	80748B
RGB	128, 116, 139
RGB Percent	50%, 45%, 55%
CMY	0.4980, 0.5451, 0.4549
CMYK	0.08, 0.17, 0.00, 0.45
HSL	271°, 9%, 50%
HSV	271°, 17%, 55%
XYZ	19.8077, 18.9441, 27.0387
YIQ	122.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

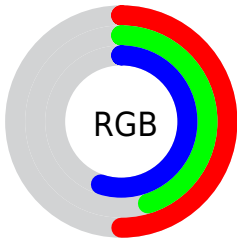
Format	Color
R_{YB}	128, 116, 139
Decimal	8418443
CIE Lab	50.62, 9.28, -10.85
CIE LCh	51, 14.271, 310.541
Yxy	18.9441, 0.3011, 0.2879
Android (android.graphics.Color)	4286608523 (0xFF80748B)
YUV	122.2100, 8.2775, 5.0778
Hunter-Lab	43.5248, 5.0651, -6.3650

Details

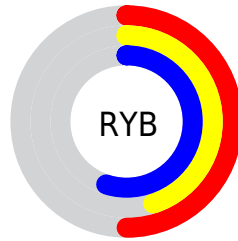
The XYZ color **19.8077, 18.9441, 27.0387** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1381, 24.2387, 20.0884**, and the grayscale version is **18.5416, 19.5072, 21.2434**.

A 20% lighter version of the original color is **42.5731, 41.6348, 55.6616**, and **7.0947, 6.5178, 10.3353** is the 20% darker color. If you saturate the color by 10%, you get **17.3565, 15.4776, 26.4991**, and if you desaturate by 10%, it is **22.5654, 22.9255, 27.6621**.

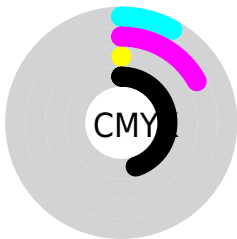
Distribution



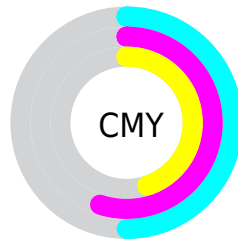
- Red (50%)
- Green (45%)
- Blue (55%)



- Red (50%)
- Yellow (45%)
- Blue (55%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8077, 18.9441, 27.0387 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 19.8077, 18.9441, 27.0387 by changing the saturation by 10% instead.

■ 19.8077, 18.9441,
27.0387

■ 19.8077, 18.9441,
27.0387

243.7256,
246.1400, 301.6105

■ 12.3628, 11.6299,
17.3696

■ 42.6010, 41.6396,
55.9505

■ 7.0652, 6.4922,
10.3336

■ 58.6800, 57.7897,
76.0302

■ 3.5496, 3.1466,
5.5122

■ 78.3678, 77.6539,
100.4172

■ 1.4506, 1.2087,
2.4869

102.0297,
101.6166, 129.5301

■ 0.2919, 0.0688,
0.8332

130.0311,
130.0621, 163.7873

■ 0.0000, 0.0000,
0.0000

162.7373,

163.3750, 203.6074

200.5137,
201.9394, 249.4090

■ 19.8077, 18.9441,
27.0387

■ 19.8077, 18.9441,
27.0387

■ 17.3565, 15.4776,
26.4991

■ 22.5654, 22.9255,
27.6621

■ 15.1981, 12.5018,
26.0384

■ 25.6390, 27.4400,
28.3715

■ 13.3205, 9.9939,
25.6533

■ 29.0396, 32.5076,
29.1704

■ 11.7099, 7.9285,
25.3396

■ 32.7773, 38.1469,
30.0619

■ 10.3514, 6.2776,
25.0925

■ 36.8617, 44.3754,
31.0489

■ 9.2282, 5.0100,
24.9070

■ 41.3020, 51.2098,
32.1340

■ 8.3213, 4.0897,
24.7772

■ 46.1070, 58.6663,
33.3200

■ 7.5995, 3.4567,
24.6931

■ 51.2853, 66.7603,
34.6094

■ 7.3715, 3.2618,
24.6675

■ 56.8450, 75.5068,
36.0046

Harmonies

Analogous

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



18.5014, 18.9441, 29.1464



19.8077, 18.9441, 27.0387



20.6575, 18.9441, 23.2957

Triad

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



19.8077, 18.9441, 27.0387



18.9150, 18.9441, 14.1938



15.4934, 18.9441, 22.0656

Complementary

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



19.8077, 18.9441, 27.0387



21.1381, 24.2387, 20.0884

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.



15.5913, 18.9441, 18.1701



19.8077, 18.9441, 27.0387



17.5192, 18.9441, 13.9539

Square

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



19.8077, 18.9441, 27.0387



20.1239, 18.9441, 16.0223



16.3166, 18.9441, 15.3185



16.0418, 18.9441, 26.0387

Rectangle

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



19.8077, 18.9441, 27.0387



20.8259, 18.9441, 20.5545



16.3166, 18.9441, 15.3185



15.4526, 18.9441, 20.6995

Sweetspot

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



19.8083, 18.9449, 27.0391



41.1655, 42.1566, 49.7104



19.4679, 20.7867, 27.4126



9.4099, 9.6036, 11.4372



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.



19.8083, 18.9449, 27.0391



33.7010, 31.4041, 48.0283



21.5256, 19.8335, 26.9735



5.0073, 5.0122, 6.3094



6.6729, 2.9542, 22.2642



0.0612, 0.0283, 0.1487

Inverse Universe

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



20.7243, 19.5129, 22.7537



35.7045, 32.6460, 38.6761



19.6105, 23.4487, 20.1336



5.1260, 5.0858, 5.7518



10.5189, 5.3177, 5.2367



0.0772, 0.0383, 0.0734

Previews

White Background



This preview shows how the XYZ color 19.8077, 18.9441, 27.0387 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 19.8077, 18.9441, 27.0387 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 19.8077, 18.9441, 27.0387

Background



This preview shows how black text looks on a background with the XYZ color 19.8077, 18.9441, 27.0387.



This preview shows how white text looks on a background with the XYZ color 19.8077, 18.9441,

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

19.8077, 18.9441, 27.0387

Protanopia

18.7266, 19.0690, 27.8930

Deuteranopia

19.4508, 19.1060, 27.0888



Tritanopia

18.9134, 18.9248, 22.7347

Trichromacy



Original Color

19.8077, 18.9441, 27.0387

Protanomaly

19.0762, 19.0802, 27.4884

Deuteranomaly

19.4789, 18.9466, 27.0565

Tritanomaly

19.2104, 18.8733, 24.1031

Monochromacy



Original Color

19.8077, 18.9441, 27.0387

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.9249, 19.2765, 23.1454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8077, 18.9441, 27.0387 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(128, 116, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 116, 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(128, 116, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 116, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.8077, 18.9441, 27.0387 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(128, 116, 139) }
```


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

```
.border{ border-color:rgb(128, 116, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 116, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 116, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 116, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 116,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8077, 18.9441, 27.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 116, 139) }
```

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

```
.background{ background-color: rgb(128,  
116, 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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