

Converting Colors

XYZ(19.9466, 18.2126, 28.3713)

Have a look what the booklet for
XYZ(19.9466, 18.2126, 28.3713)
contains.

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Color

**XYZ(19.8483, 18.0979,
28.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	826F8F
RGB	130, 111, 143
RGB Percent	51%, 44%, 56%
CMY	0.4902, 0.5647, 0.4392
CMYK	0.09, 0.22, 0.00, 0.44
HSL	276°, 13%, 50%
HSV	276°, 22%, 56%
XYZ	19.8483, 18.0979, 28.4337
YIQ	120.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

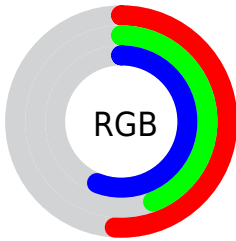
Format	Color
R_{YB}	130, 111, 143
Decimal	8548239
CIE _{Lab}	49.61, 13.82, -14.71
CIE _{LCh}	50, 20.182, 313.217
Yxy	18.0979, 0.2990, 0.2726
Android (android.graphics.Color)	4286738319 (0xFF826F8F)
YUV	120.3290, 11.1768, 8.4815
Hunter-Lab	42.5416, 8.8334, -9.8487

Details

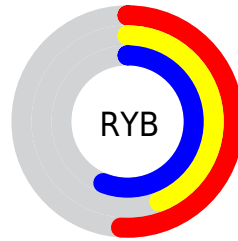
The XYZ color **19.8483, 18.0979, 28.4337** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.0045, 25.0781, 18.7733**, and the grayscale version is **17.9235, 18.8569, 20.5352**.

A 20% lighter version of the original color is **42.7037, 40.2929, 58.3499**, and **7.0616, 6.0508, 11.1517** is the 20% darker color. If you saturate the color by 10%, you get **17.5452, 14.7772, 27.9144**, and if you desaturate by 10%, it is **22.4527, 21.9457, 29.0394**.

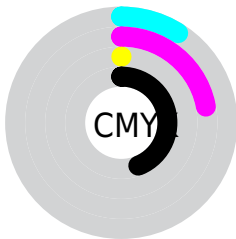
Distribution



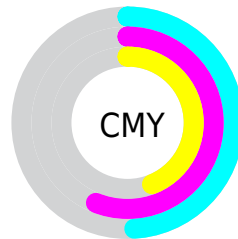
- Red (51%)
- Green (44%)
- Blue (56%)



- Red (51%)
- Yellow (44%)
- Blue (56%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8483, 18.0979, 28.4337 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 19.8483, 18.0979, 28.4337 by changing the saturation by 10% instead.

■ 19.8483, 18.0979,
28.4337

■ 19.8483, 18.0979,
28.4337

243.9419,
241.4223, 308.5104

■ 12.3924, 11.0203,
18.4110

■ 42.6686, 40.2041,
58.2075

■ 7.0856, 6.0805,
11.0730

■ 58.7637, 56.0014,
78.7957

■ 3.5625, 2.8941,
6.0011

■ 78.4693, 75.4742,
103.7428

■ 1.4577, 1.0767,
2.7770

■ 102.1508, 99.0067,
133.4673

■ 0.2968, 0.0000,
0.9819

130.1734,
126.9833, 168.3878

■ 0.0000, 0.0000,
0.0000

162.9026,

159.7886, 208.9227

200.7036,
197.8068, 255.4908

■ 19.8483, 18.0979,
28.4337

■ 19.8483, 18.0979,
28.4337

■ 17.5452, 14.7772,
27.9144

■ 22.4527, 21.9457,
29.0394

■ 15.5290, 11.9571,
27.4763

■ 25.3685, 26.3409,
29.7341

■ 13.7865, 9.6123,
27.1156

■ 28.6075, 31.3053,
30.5216

■ 12.3029, 7.7143,
26.8274

■ 32.1803, 36.8592,
31.4053

■ 11.0617, 6.2315,
26.6066

■ 36.0970, 43.0216,
32.3883

■ 10.0442, 5.1278,
26.4472

■ 40.3673, 49.8107,
33.4737

■ 9.2285, 4.3607,
26.3422

■ 45.0004, 57.2439,
34.6643

■ 8.6957, 3.9100,
26.2833

■ 50.0052, 65.3380,
35.9628

■ 55.3902, 74.1091,
37.3720

Harmonies

Analogous

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



18.0573, 18.0979, 31.8586



19.8483, 18.0979, 28.4337



20.9734, 18.0979, 22.9103

Triad

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



19.8483, 18.0979, 28.4337



18.2869, 18.0979, 11.2350



13.8599, 18.0979, 22.2165

Complementary

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



19.8483, 18.0979, 28.4337



21.0045, 25.0781, 18.7733

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.



13.9113, 18.0979, 16.8145



19.8483, 18.0979, 28.4337



16.3732, 18.0979, 11.1186

Square

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



19.8483, 18.0979, 28.4337



20.0271, 18.0979, 13.3302



14.8011, 18.0979, 12.9758



14.6550, 18.0979, 27.8452

Rectangle

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



19.8483, 18.0979, 28.4337



21.1463, 18.0979, 19.1196



14.8011, 18.0979, 12.9758



13.7806, 18.0979, 20.3033

Sweetspot

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



19.8489, 18.0987, 28.4341



42.8677, 43.2909, 52.6346



18.7637, 19.8624, 28.8317



9.7707, 9.8374, 12.0560



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.8489, 18.0987, 28.4341



33.3371, 29.2067, 50.4184



21.7709, 19.1126, 27.4820



5.4172, 5.4032, 6.7862



7.7126, 3.4696, 23.2403



0.0988, 0.0461, 0.2234

Inverse Universe

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



20.6508, 18.6645, 21.5838



35.1017, 30.4459, 35.6162



19.3970, 24.2322, 19.4761



5.4940, 5.4581, 6.0995



10.7032, 5.4383, 4.0882



0.1128, 0.0562, 0.0941

Previews

White Background



This preview shows how the XYZ color 19.8483, 18.0979, 28.4337 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 19.8483, 18.0979, 28.4337 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 19.8483, 18.0979, 28.4337

Background



This preview shows how black text looks on a background with the XYZ color 19.8483, 18.0979, 28.4337.



This preview shows how white text looks on a background with the XYZ color 19.8483, 18.0979,

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

19.8483, 18.0979, 28.4337

Protanopia

18.1833, 18.2087, 30.1600

Deuteranopia

18.4844, 18.0660, 28.1040



Tritanopia

18.5212, 18.2287, 21.6111

Trichromacy



Original Color

19.8483, 18.0979, 28.4337

Protanomaly

18.7903, 18.1883, 29.7145

Deuteranomaly

18.9258, 18.1252, 28.0922

Tritanomaly

19.0161, 18.2625, 23.9955

Monochromacy



Original Color

19.8483, 18.0979, 28.4337

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5698, 18.5662, 23.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8483, 18.0979, 28.4337 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(130, 111, 143)` looks like.

```
.text, #text, p{  
    color:rgb(130, 111, 143)  
}
```

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(130, 111, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 111, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.8483, 18.0979, 28.4337 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(130, 111, 143) }
```


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

```
.border{ border-color:rgb(130, 111, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 111, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(130, 111,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8483, 18.0979, 28.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 111, 143) }
```

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

```
.background{ background-color: rgb(130,  
111, 143) }
```

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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