

Converting Colors

XYZ(19.7865, 18.4749, 18.8390)

Have a look what the booklet for
XYZ(19.7865, 18.4749, 18.8390)
contains.

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Color

**XYZ(19.7039, 18.4016,
18.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7073
RGB	140, 112, 115
RGB Percent	55%, 44%, 45%
CMY	0.4510, 0.5608, 0.5490
CMYK	0.00, 0.20, 0.18, 0.45
HSL	354°, 11%, 49%
HSV	354°, 20%, 55%
XYZ	19.7039, 18.4016, 18.7330
YIQ	120.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

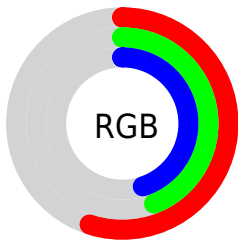
Format	Color
RYB	140, 112, 115
Decimal	9203827
CIELab	49.98, 11.53, 2.52
CIELCh	50, 11.798, 12.343
Yxy	18.4016, 0.3467, 0.3238
Android (android.graphics.Color)	4287393907 (0xFF8C7073)
YUV	120.7140, -2.8170, 16.9138
Hunter-Lab	42.8971, 6.9204, 4.1362

Details

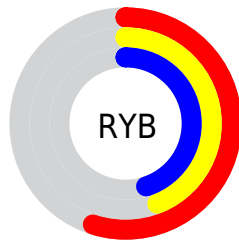
The XYZ color **19.7039, 18.4016, 18.7330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5763, 24.0075, 27.2175**, and the grayscale version is **18.0874, 19.0293, 20.7229**.

A 20% lighter version of the original color is **42.4986, 40.8103, 42.1965**, and **6.9663, 6.1959, 6.1389** is the 20% darker color. If you saturate the color by 10%, you get **17.6064, 15.2808, 14.7222**, and if you desaturate by 10%, it is **22.1402, 22.0435, 23.3386**.

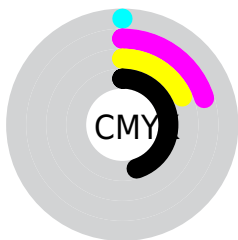
Distribution



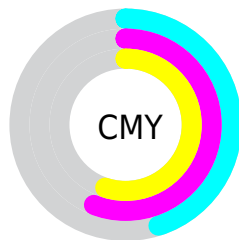
- Red (55%)
- Green (44%)
- Blue (45%)



- Red (55%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (45%)





- Cyan (45%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.7039, 18.4016, 18.7330 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 19.7039, 18.4016, 18.7330 by changing the saturation by 10% instead.


 19.7039, 18.4016,
18.7330


 19.7039, 18.4016,
18.7330


243.1718,
243.1250, 257.3442


 12.2870, 11.2387,
11.3027


 42.4279, 40.7205,
42.1131


 7.0130, 6.2276,
6.1541


 58.4658, 56.6452,
58.9000

 3.5167, 2.9840,
2.8687

 78.1080, 76.2594,
79.6427

 1.4325, 1.1234,
1.0280

 101.7199, 99.9473,
104.7599

 0.2792, 0.0000,
0.0000

129.6669,
128.0935, 134.6702

 0.0000, 0.0000,
0.0000

162.3143,

161.0822, 169.7919

200.0275,
199.2979, 210.5438

■ 19.7039, 18.4016,
18.7330

■ 19.7039, 18.4016,
18.7330

■ 17.6064, 15.2808,
14.7222

■ 22.1402, 22.0435,
23.3386

■ 15.8313, 12.6548,
11.2807

■ 24.9278, 26.2263,
28.5606

■ 14.3628, 10.4991,
8.3831

■ 28.0804, 30.9715,
34.4210

■ 13.1836, 8.7858,
6.0014

■ 31.6107, 36.2989,
40.9404

■ 12.2744, 7.4841,
4.1052

■ 35.5305, 42.2275,
48.1385

■ 11.6135, 6.5593,
2.6609

■ 39.8512, 48.7751,
56.0341

■ 11.1759, 5.9711,
1.6305

■ 44.5840, 55.9590,
64.6453

■ 10.9015, 5.6100,
0.9599

■ 49.7391, 63.7957,
73.9895

■ 10.9014, 5.6099,
0.9597

■ 55.3269, 72.3012,
84.0836

Harmonies

Analogous

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



19.6474, 18.4016, 21.9872



19.7039, 18.4016, 18.7330



19.1489, 18.4016, 16.1238

Triad

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



19.7039, 18.4016, 18.7330



16.0646, 18.4016, 15.7727



16.8382, 18.4016, 26.5828

Complementary

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



19.7039, 18.4016, 18.7330



20.5763, 24.0075, 27.2175

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.



15.9301, 18.4016, 24.5353



19.7039, 18.4016, 18.7330



15.4969, 18.4016, 18.2042

Square

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



19.7039, 18.4016, 18.7330



17.0290, 18.4016, 14.5425



15.4488, 18.4016, 21.3985



17.9596, 18.4016, 26.7639

Rectangle

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



19.7039, 18.4016, 18.7330



18.5201, 18.4016, 15.0063



15.4488, 18.4016, 21.3985



16.4991, 18.4016, 26.0806

Sweetspot

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



19.7044, 18.4024, 18.7334



40.8617, 41.6031, 44.5797



20.8012, 18.7785, 27.3394



9.3539, 9.4940, 10.1567



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.



19.7044, 18.4024, 18.7334



33.0000, 29.8521, 29.7124



20.7903, 20.8458, 18.2582



5.0532, 5.0567, 5.3688



9.6904, 4.9863, 0.8742



0.0668, 0.0341, 0.0187

Inverse Universe

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



19.7044, 18.4024, 18.7334



33.0000, 29.8521, 29.7124



19.3018, 21.1097, 27.8684



5.0532, 5.0567, 5.3688



9.6904, 4.9863, 0.8742



0.0668, 0.0341, 0.0187

Previews

White Background



This preview shows how the XYZ color 19.7039, 18.4016, 18.7330 looks on a white background.

Color Contrast Check

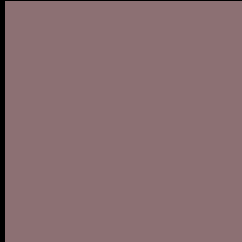
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7039, 18.4016, 18.7330 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 19.7039, 18.4016, 18.7330

Background



This preview shows how black text looks on a background with the XYZ color 19.7039, 18.4016, 18.7330.



This preview shows how white text looks on a background with the XYZ color 19.7039, 18.4016,

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

19.7039, 18.4016, 18.7330

Protanopia

17.6934, 18.3537, 20.0628

Deuteranopia

18.6837, 18.3819, 18.4829



Tritanopia

20.0591, 18.3877, 20.2612

Trichromacy



Original Color

19.7039, 18.4016, 18.7330

Protanomaly

18.4175, 18.3880, 19.7181

Deuteranomaly

19.0462, 18.4004, 18.4674

Tritanomaly

19.9390, 18.3396, 19.6285

Monochromacy



Original Color

19.7039, 18.4016, 18.7330

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.7103, 18.8780, 20.1104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7039, 18.4016, 18.7330 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(140, 112, 115)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 115)  
}
```

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(140, 112, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.7039, 18.4016, 18.7330 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(140, 112, 115) }
```


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

```
.border{ border-color:rgb(140, 112, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 112, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 115);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7039, 18.4016, 18.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 115) }
```

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

```
.background{ background-color: rgb(140,  
112, 115) }
```

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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