

Converting Colors

XYZ(19.7050, 18.5602, 19.0669)

Have a look what the booklet for
XYZ(19.7050, 18.5602, 19.0669)
contains.

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Color

**XYZ(19.7050, 18.5602,
19.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7174
RGB	139, 113, 116
RGB Percent	55%, 44%, 45%
CMY	0.4549, 0.5568, 0.5451
CMYK	0.00, 0.19, 0.17, 0.45
HSL	353°, 10%, 49%
HSV	353°, 19%, 55%
XYZ	19.7050, 18.5602, 19.0669
YIQ	121.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

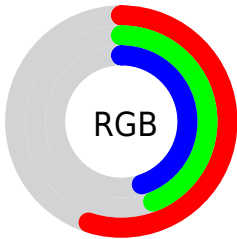
Format	Color
R_{YB}	139, 113, 116
Decimal	9138548
CIE _{Lab}	50.17, 10.72, 2.19
CIE _{LCh}	50, 10.938, 11.554
Yxy	18.5602, 0.3437, 0.3237
Android (android.graphics.Color)	4287328628 (0xFF8B7174)
YUV	121.1160, -2.5222, 15.6843
Hunter-Lab	43.0816, 6.2511, 3.9167

Details

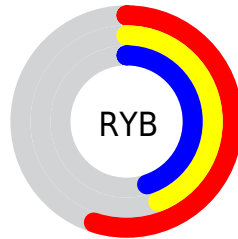
The XYZ color **19.7050, 18.5602, 19.0669** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4874, 23.7540, 26.7990**, and the grayscale version is **18.2165, 19.1652, 20.8709**.

A 20% lighter version of the original color is **42.5153, 41.0749, 42.7332**, and **7.0535, 6.3218, 6.3173** is the 20% darker color. If you saturate the color by 10%, you get **17.6029, 15.4258, 15.0675**, and if you desaturate by 10%, it is **22.1404, 22.2093, 23.6451**.

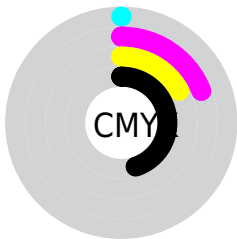
Distribution



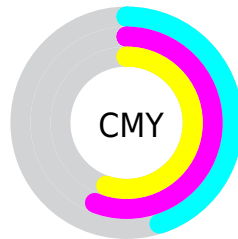
- Red (55%)
- Green (44%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7050, 18.5602, 19.0669 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 19.7050, 18.5602, 19.0669 by changing the saturation by 10% instead.

■ 19.7050, 18.5602,
19.0669

■ 19.7050, 18.5602,
19.0669

243.1777,
244.0099, 259.2529

■ 12.2878, 11.3529,
11.5413

■ 42.4298, 40.9896,
42.6853

■ 7.0136, 6.3047,
6.3135

■ 58.4680, 56.9805,
59.6152

■ 3.5170, 3.0313,
2.9647

■ 78.1107, 76.6681,
80.5170

■ 1.4327, 1.1481,
1.0767

■ 101.7232,
100.4368, 105.8092

■ 0.2793, 0.0187,
0.0000

129.6708,
128.6709, 135.9104

■ 0.0000, 0.0000,
0.0000

162.3188,

161.7549, 171.2390

200.0327,
200.0731, 212.2136

■ 19.7050, 18.5602,
19.0669

■ 19.7050, 18.5602,
19.0669

■ 17.6029, 15.4258,
15.0675

■ 22.1404, 22.2093,
23.6451

■ 15.8180, 12.7805,
11.6227

■ 24.9212, 26.3920,
28.8226

■ 14.3354, 10.6003,
8.7083

■ 28.0606, 31.1296,
34.6205

■ 13.1382, 8.8583,
6.2979

■ 31.5708, 36.4413,
41.0583

■ 12.2078, 7.5248,
4.3626

■ 35.4635, 42.3455,
48.1550

■ 11.5236, 6.5663,
2.8709

■ 39.7496, 48.8597,
55.9283

■ 11.0618, 5.9442,
1.7872

■ 44.4398, 56.0007,
64.3958

■ 10.7732, 5.5706,
1.0636

■ 49.5444, 63.7846,
73.5739

■ 10.7413, 5.5265,
0.9918

■ 55.0731, 72.2270,
83.4789

Harmonies

Analogous

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



19.6371, 18.5602, 22.1044



19.7050, 18.5602, 19.0669



19.2037, 18.5602, 16.5933

Triad

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



19.7050, 18.5602, 19.0669



16.3286, 18.5602, 16.1638



17.0065, 18.5602, 26.2395

Complementary

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



19.7050, 18.5602, 19.0669



20.4874, 23.7540, 26.7990

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.



16.1653, 18.5602, 24.3149



19.7050, 18.5602, 19.0669



15.7848, 18.5602, 18.4250

Square

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



19.7050, 18.5602, 19.0669



17.2375, 18.5602, 15.0323



15.7262, 18.5602, 21.3956



18.0506, 18.5602, 26.4553

Rectangle

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



19.7050, 18.5602, 19.0669



18.6254, 18.5602, 15.5169



15.7262, 18.5602, 21.3956



16.6917, 18.5602, 25.7626

Sweetspot

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



19.7055, 18.5610, 19.0673



40.8702, 41.6065, 44.6248



20.7138, 18.9067, 26.9839



9.3560, 9.4948, 10.1679



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.



19.7055, 18.5610, 19.0673



33.7986, 31.0137, 31.3221



20.7075, 20.8396, 18.5549



5.0548, 5.0574, 5.3771



9.6981, 4.9894, 0.9147



0.0671, 0.0342, 0.0200

Inverse Universe

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



19.7055, 18.5610, 19.0673



33.7986, 31.0137, 31.3221



19.3256, 21.0848, 27.4775



5.0548, 5.0574, 5.3771



9.6981, 4.9894, 0.9147



0.0671, 0.0342, 0.0200

Previews

White Background



This preview shows how the XYZ color 19.7050, 18.5602, 19.0669 looks on a white background.

Color Contrast Check

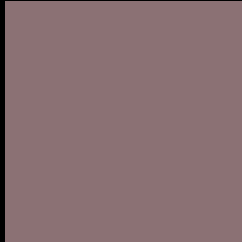
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7050, 18.5602, 19.0669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

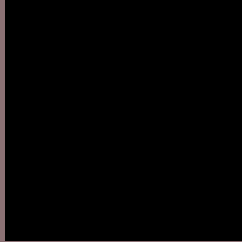
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.7050, 18.5602, 19.0669

Background



This preview shows how black text looks on a background with the XYZ color 19.7050, 18.5602, 19.0669.

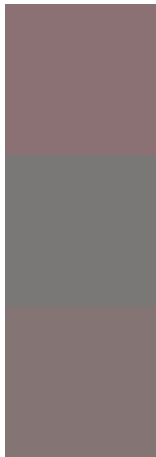


This preview shows how white text looks on a background with the XYZ color 19.7050, 18.5602,

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

19.7050, 18.5602, 19.0669

Protanopia

17.9526, 18.6631, 20.1089

Deuteranopia

19.0706, 18.7383, 19.1347



Tritanopia

20.0606, 18.5443, 20.6113

Trichromacy



Original Color

19.7050, 18.5602, 19.0669

Protanomaly

18.5334, 18.6198, 19.7567

Deuteranomaly

19.2748, 18.6733, 19.1114

Tritanomaly

19.9392, 18.4957, 19.9719

Monochromacy



Original Color

19.7050, 18.5602, 19.0669

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 19.7050, 18.5602, 19.0669 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(139, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(139, 113, 116)  
}
```

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(139, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 113, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.7050, 18.5602, 19.0669 is called "border". The border property can be set on classes, ids or directly on the HTML element.

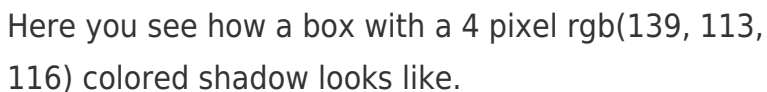
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 113, 116) }
```


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

```
.border{ border-color:rgb(139, 113, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 113, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 113, 116); box-shadow:4px 4px 4px 4px rgb(139, 113, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7050, 18.5602, 19.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 113, 116) }
```

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

```
.background{ background-color: rgb(139,  
113, 116) }
```

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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