

Converting Colors

XYZ(19.8171, 18.6094, 18.1217)

Have a look what the booklet for
XYZ(19.8171, 18.6094, 18.1217)
contains.

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Color

**XYZ(19.8703, 18.6652,
18.1783)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7171
RGB	141, 113, 113
RGB Percent	55%, 44%, 44%
CMY	0.4471, 0.5568, 0.5569
CMYK	0.00, 0.20, 0.20, 0.45
HSL	0°, 11%, 50%
HSV	0°, 20%, 55%
XYZ	19.8703, 18.6652, 18.1783
YIQ	121.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

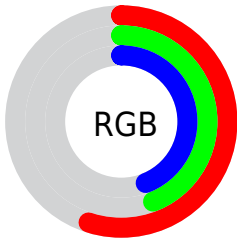
Format	Color
R_{YB}	141, 113, 113
Decimal	9269617
CIE _{Lab}	50.29, 11.00, 4.17
CIE _{LCh}	50, 11.769, 20.760
Yxy	18.6652, 0.3504, 0.3291
Android (android.graphics.Color)	4287459697 (0xFF8D7171)
YUV	121.3720, -4.1274, 17.2138
Hunter-Lab	43.2032, 6.4911, 5.2953

Details

The XYZ color **19.8703, 18.6652, 18.1783** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1426, 24.4832, 28.8110**, and the grayscale version is **18.3039, 19.2572, 20.9711**.

A 20% lighter version of the original color is **42.7523, 41.2290, 41.3020**, and **7.0609, 6.3359, 5.8518** is the 20% darker color. If you saturate the color by 10%, you get **17.6848, 15.4673, 13.8330**, and if you desaturate by 10%, it is **22.4246, 22.4029, 23.2555**.

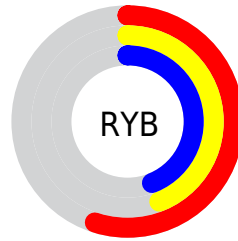
Distribution



Red (55%)

Green (44%)

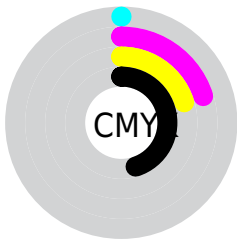
Blue (44%)



Red (55%)

Yellow (44%)

Blue (44%)

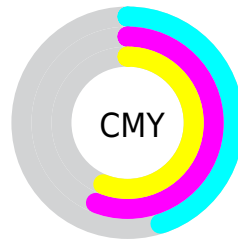


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8703, 18.6652, 18.1783 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 19.8703, 18.6652, 18.1783 by changing the saturation by 10% instead.

■ 19.8703, 18.6652,
18.1783

■ 19.8703, 18.6652,
18.1783

244.0591,
244.5942, 254.1439

■ 12.4085, 11.4286,
10.9073

■ 42.7052, 41.1676,
41.1589

■ 7.0967, 6.3559,
5.8912

■ 58.8091, 57.2022,
57.7057

■ 3.5695, 3.0627,
2.7113

■ 78.5243, 76.9382,
78.1814

■ 1.4616, 1.1645,
0.9491

■ 102.2164,
100.7601, 103.0047

■ 0.2995, 0.0325,
0.0000

130.2505,
129.0523, 132.5940

■ 0.0000, 0.0000,
0.0000

162.9921,

162.1991, 167.3680

200.8065,
200.5849, 207.7451

■ 19.8703, 18.6652,
18.1783

■ 19.8703, 18.6652,
18.1783

■ 17.6848, 15.4673,
13.8330

■ 22.4246, 22.4029,
23.2555

■ 15.8496, 12.7819,
10.1847

■ 25.3619, 26.7010,
29.0949

■ 14.3470, 10.5831,
7.1976

■ 28.6977, 31.5822,
35.7266

■ 13.1570, 8.8418,
4.8321

■ 32.4461, 37.0671,
43.1785

■ 12.2577, 7.5258,
3.0443

■ 36.6205, 43.1753,
51.4774

■ 11.6241, 6.5986,
1.7849

■ 41.2338, 49.9257,
60.6487

■ 11.2272, 6.0178,
0.9961

■ 46.2982, 57.3362,
70.7169

■ 10.9880, 5.6678,
0.5206

■ 51.8254, 65.4240,
81.7054

■ 10.9847, 5.6630,
0.5141

■ 57.8270, 74.2058,
93.6368

Harmonies

Analogous

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



19.9934, 18.6652, 21.3480



19.8703, 18.6652, 18.1783



19.1637, 18.6652, 15.8386

Triad

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



19.8703, 18.6652, 18.1783



16.0966, 18.6652, 16.6052



17.3911, 18.6652, 27.1704

Complementary

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



19.8703, 18.6652, 18.1783



21.1426, 24.4832, 28.8110

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.



16.3900, 18.6652, 25.5833



19.8703, 18.6652, 18.1783



15.6639, 18.6652, 19.3318

Square

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



19.8703, 18.6652, 18.1783



16.9750, 18.6652, 15.0002



15.7690, 18.6652, 22.6306



18.5291, 18.6652, 26.7765

Rectangle

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



19.8703, 18.6652, 18.1783



18.4729, 18.6652, 14.9537



15.7690, 18.6652, 22.6306



17.0282, 18.6652, 26.8451

Sweetspot

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



19.8708, 18.6660, 18.1787



42.0382, 42.8702, 45.3836



21.6976, 19.3964, 27.7999



9.3263, 9.4830, 10.0113



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.



19.8708, 18.6660, 18.1787



33.6819, 30.6427, 28.7713



21.5548, 22.0340, 18.7400



5.4089, 5.4242, 5.6513



10.0159, 5.1636, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



21.1426, 24.4832, 28.8110



36.4038, 43.0927, 51.5269



19.2074, 20.6129, 28.1659



5.5602, 6.1163, 6.9163



13.0671, 19.1203, 25.9790



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 19.8703, 18.6652, 18.1783 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 19.8703, 18.6652, 18.1783 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 19.8703, 18.6652, 18.1783

Background



This preview shows how black text looks on a background with the XYZ color 19.8703, 18.6652, 18.1783.



This preview shows how white text looks on a background with the XYZ color 19.8703, 18.6652,

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

19.8703, 18.6652, 18.1783

Protanopia

17.9176, 18.6656, 19.1815

Deuteranopia

19.0015, 18.7290, 17.9428



Tritanopia

20.4007, 18.7196, 20.6272

Trichromacy



Original Color

19.8703, 18.6652, 18.1783

Protanomaly

18.6617, 18.7062, 18.8467

Deuteranomaly

19.3719, 18.7497, 17.9273

Tritanomaly

20.2195, 18.6471, 19.6731

Monochromacy



Original Color

19.8703, 18.6652, 18.1783

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6505, 18.8541, 19.7957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8703, 18.6652, 18.1783 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(141, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 113)  
}
```

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(141, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 19.8703, 18.6652, 18.1783 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(141, 113, 113) }
```


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

```
.border{ border-color:rgb(141, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8703, 18.6652, 18.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 113) }
```

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

```
.background{ background-color: rgb(141,  
113, 113) }
```

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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