

Converting Colors

XYZ(19.2068, 18.4964, 18.8173)

Have a look what the booklet for
XYZ(19.2068, 18.4964, 18.8173)
contains.

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Color

**XYZ(19.2652, 18.5067,
18.7764)**

Conversions

Conversions Part 1

Format	Color
Hex	887273
RGB	136, 114, 115
RGB Percent	53%, 45%, 45%
CMY	0.4667, 0.5529, 0.5490
CMYK	0.00, 0.16, 0.15, 0.47
HSL	357°, 9%, 49%
HSV	357°, 16%, 53%
XYZ	19.2652, 18.5067, 18.7764
YIQ	120.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

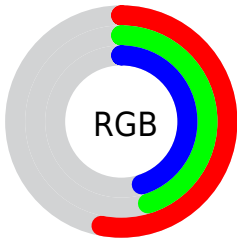
Format	Color
R _Y B	136, 114, 115
Decimal	8942195
CIE Lab	50.11, 8.77, 2.65
CIE LCh	50, 9.164, 16.822
Yxy	18.5067, 0.3407, 0.3273
Android (android.graphics.Color)	4287132275 (0xFF887273)
YUV	120.6920, -2.8062, 13.4251
Hunter-Lab	43.0194, 4.6529, 4.2357

Details

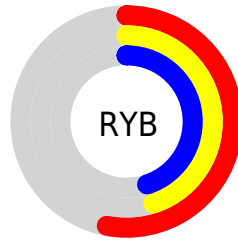
The XYZ color **19.2652, 18.5067, 18.7764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1175, 22.9355, 26.2896**, and the grayscale version is **18.0809, 19.0226, 20.7156**.

A 20% lighter version of the original color is **41.8465, 41.0096, 42.2693**, and **6.7991, 6.2801, 6.1640** is the 20% darker color. If you saturate the color by 10%, you get **17.1485, 15.3859, 14.6408**, and if you desaturate by 10%, it is **21.7163, 22.1275, 23.5431**.

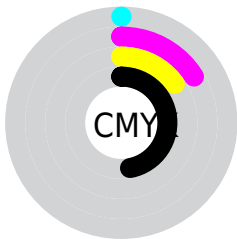
Distribution



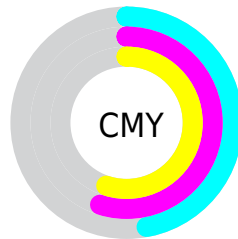
- Red (53%)
- Green (45%)
- Blue (45%)



- Red (53%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2652, 18.5067, 18.7764 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 19.2652, 18.5067, 18.7764 by changing the saturation by 10% instead.

■ 19.2652, 18.5067,
18.7764

■ 19.2652, 18.5067,
18.7764

240.8190,
243.7118, 257.5930

■ 11.9672, 11.3144,
11.3336

■ 41.6952, 40.8989,
42.1876

■ 6.7934, 6.2787,
6.1747

■ 57.5578, 56.8675,
58.9931

■ 3.3784, 3.0153,
2.8811

■ 77.0061, 76.5303,
79.7566

■ 1.3569, 1.1397,
1.0343

■ 100.4054,
100.2718, 104.8966

■ 0.2252, 0.0116,
0.0000

128.1209,
128.4763, 134.8318

■ 0.0000, 0.0000,
0.0000

160.5181,

161.5282, 169.9805

197.9624,
199.8119, 210.7614

■ 19.2652, 18.5067,
18.7764

■ 19.2652, 18.5067,
18.7764

■ 17.1485, 15.3859,
14.6408

■ 21.7163, 22.1275,
23.5431

■ 15.3503, 12.7407,
11.1088

■ 24.5137, 26.2663,
28.9646

■ 13.8556, 10.5486,
8.1525

■ 27.6708, 30.9432,
35.0648

■ 12.6477, 8.7842,
5.7414

■ 31.1997, 36.1765,
41.8659

■ 11.7081, 7.4195,
3.8421

■ 35.1121, 41.9837,
49.3894

■ 11.0164, 6.4234,
2.4177

■ 39.4188, 48.3815,
57.6555

■ 10.5491, 5.7598,
1.4263

■ 44.1306, 55.3860,
66.6840

■ 10.2711, 5.3717,
0.8162

■ 49.2577, 63.0125,
76.4936

■ 10.1872, 5.2478,
0.6531

■ 54.8098, 71.2759,
87.1026

Harmonies

Analogous

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



19.2949, 18.5067, 21.2792



19.2652, 18.5067, 18.7764



18.7772, 18.5067, 16.8098

Triad

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



19.2652, 18.5067, 18.7764



16.3812, 18.5067, 17.0043



17.2060, 18.5067, 25.2636

Complementary

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



19.2652, 18.5067, 18.7764



20.1175, 22.9355, 26.2896

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.



16.4541, 18.5067, 23.9072



19.2652, 18.5067, 18.7764



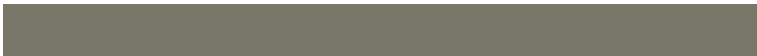
15.9887, 18.5067, 19.0627

Square

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



19.2652, 18.5067, 18.7764



17.1034, 18.5067, 15.8468



16.0150, 18.5067, 21.5904



18.0858, 18.5067, 25.1707

Rectangle

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



19.2652, 18.5067, 18.7764



18.2666, 18.5067, 16.0044



16.0150, 18.5067, 21.5904



16.9305, 18.5067, 24.9575

Sweetspot

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



19.2657, 18.5075, 18.7768



38.7660, 39.7281, 42.4521



20.4374, 18.9557, 25.8744



8.9117, 9.1029, 9.7032



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2657, 18.5075, 18.7768



32.6804, 30.7399, 30.6106



20.3863, 20.8401, 18.8687



5.0415, 5.0520, 5.3068



9.6428, 4.9672, 0.6232



0.0651, 0.0334, 0.0097

Inverse Universe

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



19.2657, 18.5075, 18.7768



32.6804, 30.7399, 30.6106



18.8578, 20.3030, 26.2178



5.0415, 5.0520, 5.3068



9.6428, 4.9672, 0.6232



0.0651, 0.0334, 0.0097

Previews

White Background



This preview shows how the XYZ color 19.2652, 18.5067, 18.7764 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 19.2652, 18.5067, 18.7764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

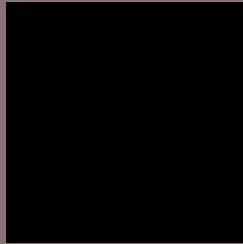
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2652, 18.5067, 18.7764

Background



This preview shows how black text looks on a background with the XYZ color 19.2652, 18.5067, 18.7764.



This preview shows how white text looks on a background with the XYZ color 19.2652, 18.5067,

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

19.2652, 18.5067, 18.7764

Protanopia

17.8929, 18.6392, 19.7942

Deuteranopia

18.8981, 18.4858, 18.7917



Tritanopia

19.7345, 18.5338, 20.9496

Trichromacy



Original Color

19.2652, 18.5067, 18.7764

Protanomaly

18.3246, 18.5190, 19.4383

Deuteranomaly

19.0568, 18.5676, 18.7992

Tritanomaly

19.5514, 18.4605, 19.9855

Monochromacy



Original Color

19.2652, 18.5067, 18.7764

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4124, 18.7244, 20.0965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2652, 18.5067, 18.7764 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(136, 114, 115) looks like.

```
.text, #text, p{  
    color:rgb(136, 114, 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(136, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 114, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.2652, 18.5067, 18.7764 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(136, 114, 115) }
```


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

```
.border{ border-color:rgb(136, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(136, 114,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2652, 18.5067, 18.7764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 114, 115) }
```

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

```
.background{ background-color: rgb(136,  
114, 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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