

Converting Colors

XYZ(18.9302, 19.9181, 19.0680)

Have a look what the booklet for
XYZ(18.9302, 19.9181, 19.0680)
contains.

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Color

**XYZ(18.9299, 19.9157,
19.0661)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7B73
RGB	127, 123, 115
RGB Percent	50%, 48%, 45%
CMY	0.5020, 0.5176, 0.5490
CMYK	0.00, 0.03, 0.09, 0.50
HSL	40°, 5%, 47%
HSV	40°, 9%, 50%
XYZ	18.9299, 19.9157, 19.0661
YIQ	123.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

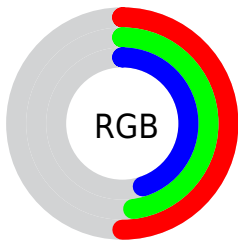
Format	Color
RYB	121, 127, 115
Decimal	8354675
CIELab	51.74, 0.00, 4.90
CIELCh	52, 4.905, 89.962
Yxy	19.9157, 0.3269, 0.3439
Android (android.graphics.Color)	4286544755 (0xFF7F7B73)
YUV	123.2840, -4.0840, 3.2589
Hunter-Lab	44.6270, -2.3811, 5.9083

Details

The XYZ color **18.9299, 19.9157, 19.0661** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4980, 18.3707, 22.7027**, and the grayscale version is **18.9329, 19.9189, 21.6917**.

A 20% lighter version of the original color is **41.1274, 43.1533, 42.7210**, and **6.6038, 6.9225, 6.2983** is the 20% darker color. If you saturate the color by 10%, you get **17.7354, 18.6167, 15.3074**, and if you desaturate by 10%, it is **20.2489, 21.3021, 23.3636**.

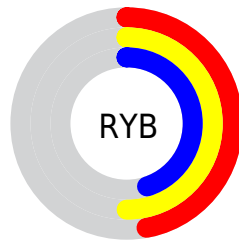
Distribution



Red (50%)

Green (48%)

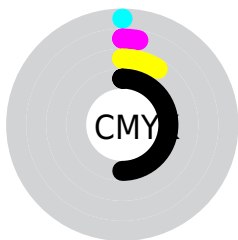
Blue (45%)



Red (47%)

Yellow (50%)

Blue (45%)

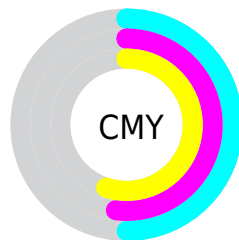


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9299, 19.9157, 19.0661 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 18.9299, 19.9157, 19.0661 by changing the saturation by 10% instead.

■ 18.9299, 19.9157,
19.0661

■ 18.9299, 19.9157,
19.0661

239.0070,
251.4584, 259.2483

■ 11.7233, 12.3338,
11.5408

■ 41.1334, 43.2758,
42.6839

■ 6.6264, 6.9714,
6.3131

■ 56.8611, 59.8228,
59.6135

■ 3.2738, 3.4442,
2.9645

■ 76.1598, 80.1269,
80.5149

■ 1.3002, 1.3678,
1.0765

99.3950, 104.5725,
105.8067

■ 0.1834, 0.1928,
0.0000

126.9319,
133.5441, 135.9074

■ 0.0000, 0.0000,
0.0000

159.1360,

167.4260, 171.2355

196.3726,
206.6027, 212.2097

■ 18.9299, 19.9157,
19.0661

■ 18.9299, 19.9157,
19.0661

■ 17.7354, 18.6167,
15.3074

■ 20.2489, 21.3021,
23.3636

■ 16.6595, 17.4003,
12.0646

■ 21.6948, 22.7754,
28.2190

■ 15.6979, 16.2651,
9.3149

■ 23.2723, 24.3385,
33.6522

■ 14.8457, 15.2085,
7.0336

■ 24.9850, 25.9933,
39.6814

■ 14.0974, 14.2280,
5.1934

■ 26.8364, 27.7417,
46.3243

■ 13.4471, 13.3206,
3.7646

■ 28.8302, 29.5855,
53.5977

■ 12.8882, 12.4832,
2.7134

■ 30.9695, 31.5263,
61.5180

■ 12.4128, 11.7122,
2.0009

■ 33.2576, 33.5659,
70.1005

■ 11.9986, 10.9980,
1.5105

■ 35.6975, 35.7060,
79.3605

Harmonies

Analogous

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



19.4108, 19.9157, 19.4048



18.9299, 19.9157, 19.0661



18.4569, 19.9157, 19.4031

Triad

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



18.9299, 19.9157, 19.0661



18.1149, 19.9157, 23.0780



19.7671, 19.9157, 23.0812

Complementary

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



18.9299, 19.9157, 19.0661



17.4980, 18.3707, 22.7027

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.



19.4097, 19.9157, 24.1387



18.9299, 19.9157, 19.0661



18.4558, 19.9157, 24.1368

Square

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



18.9299, 19.9157, 19.0661



17.9913, 19.9157, 21.6830



18.9287, 19.9157, 24.5330



19.8993, 19.9157, 21.6866

Rectangle

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



18.9299, 19.9157, 19.0661



18.2083, 19.9157, 19.9745



18.9287, 19.9157, 24.5330



19.6690, 19.9157, 23.4901

Sweetspot

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



18.9304, 19.9166, 19.0665



35.3791, 37.2297, 38.9368



18.2133, 18.1058, 19.9879



8.2421, 8.6735, 8.9819



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.9304, 19.9166, 19.0665



33.4953, 35.2320, 32.8522



19.1417, 20.7769, 19.2215



4.5484, 4.7855, 4.6041



12.0771, 11.0505, 1.4964



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4980, 18.3707, 22.7027



30.4741, 31.9718, 40.5213



17.2980, 17.5760, 22.5599



4.2169, 4.4277, 5.4457



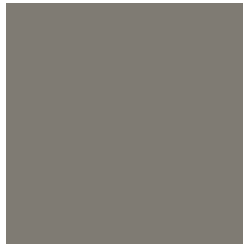
4.7086, 3.2356, 20.6263



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.9299, 19.9157, 19.0661 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 18.9299, 19.9157, 19.0661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

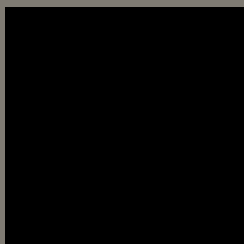
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

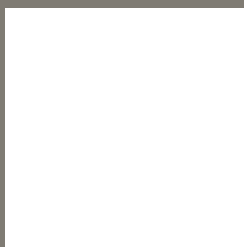
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9299, 19.9157, 19.0661

Background



This preview shows how black text looks on a background with the XYZ color 18.9299, 19.9157, 19.0661.



This preview shows how white text looks on a background with the XYZ color 18.9299, 19.9157,

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

18.9299, 19.9157, 19.0661

Protanopia

18.9299, 19.9157, 19.0661

Deuteranopia

20.2304, 19.8579, 19.2897



Tritanopia

19.9199, 19.9536, 23.9206

Trichromacy



Original Color

18.9299, 19.9157, 19.0661

Protanomaly

18.9299, 19.9157, 19.0661

Deuteranomaly

19.7004, 19.7622, 19.2992

Tritanomaly

19.5633, 19.9889, 22.2292

Monochromacy



Original Color

18.9299, 19.9157, 19.0661

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7853, 19.8071, 20.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9299, 19.9157, 19.0661 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(127, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(127, 123, 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(127, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 123, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.9299, 19.9157, 19.0661 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(127, 123, 115) }
```


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

```
.border{ border-color:rgb(127, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(127, 123,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9299, 19.9157, 19.0661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 123, 115) }
```

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

```
.background{ background-color: rgb(127,  
123, 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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