

Converting Colors

XYZ(21.3148, 19.9300, 19.9992)

Have a look what the booklet for
XYZ(21.3148, 19.9300, 19.9992)
contains.

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Color

**XYZ(21.1925, 19.8185,
19.8479)**

Conversions

Conversions Part 1

Format	Color
Hex	917476
RGB	145, 116, 118
RGB Percent	57%, 45%, 46%
CMY	0.4314, 0.5451, 0.5373
CMYK	0.00, 0.20, 0.19, 0.43
HSL	356°, 12%, 51%
HSV	356°, 20%, 57%
XYZ	21.1925, 19.8185, 19.8479
YIQ	124.8990, 16.6420, 6.7700

Conversions

Conversions Part 2

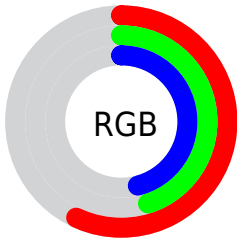
Format	Color
R_{YB}	145, 116, 118
Decimal	9532534
CIE _{Lab}	51.63, 11.68, 3.21
CIE _{LCh}	52, 12.109, 15.349
Yxy	19.8185, 0.3482, 0.3256
Android (android.graphics.Color)	4287722614 (0xFF917476)
YUV	124.8990, -3.4012, 17.6286
Hunter-Lab	44.5180, 7.0673, 4.7287

Details

The XYZ color **21.1925, 19.8185, 19.8479** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2866, 25.9476, 29.8217**, and the grayscale version is **19.4666, 20.4804, 22.3031**.

A 20% lighter version of the original color is **44.8115, 43.0497, 43.9778**, and **7.7887, 6.9561, 6.7265** is the 20% darker color. If you saturate the color by 10%, you get **18.9041, 16.4349, 15.4060**, and if you desaturate by 10%, it is **23.8578, 23.7717, 24.9825**.

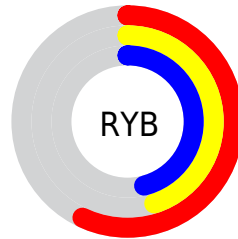
Distribution



Red (57%)

Green (45%)

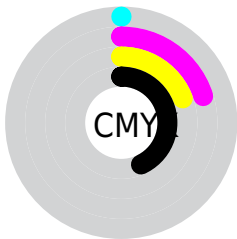
Blue (46%)



Red (57%)

Yellow (45%)

Blue (46%)

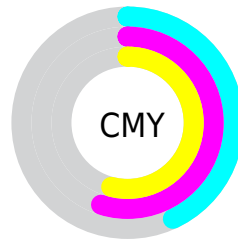


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (43%)



Cyan (43%)


Magenta (55%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1925, 19.8185, 19.8479 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 21.1925, 19.8185, 19.8479 by changing the saturation by 10% instead.


 21.1925, 19.8185,
19.8479


 21.1925, 19.8185,
19.8479


251.0122,
250.9309, 263.6675


 13.3780, 12.2632,
12.1016


 44.8966, 43.1127,
44.0176


 7.7682, 6.9232,
6.6895

 61.5169, 59.6203,
61.2781

 3.9975, 3.4141,
3.1932

 81.8032, 79.8809,
82.5471

 1.7007, 1.3516,
1.1941

 106.1208,
104.2787, 108.2430

 0.4567, 0.1806,
0.0000

134.8352,
133.1982, 138.7844

 0.0000, 0.0000,
0.0000

168.3117,

167.0238, 174.5900

206.9155,
206.1399, 216.0781

■ 21.1925, 19.8185,
19.8479

■ 21.1925, 19.8185,
19.8479

■ 18.9041, 16.4349,
15.4060

■ 23.8578, 23.7717,
24.9825

■ 16.9739, 13.5920,
11.6260

■ 26.9142, 28.3161,
30.8364

■ 15.3844, 11.2627,
8.4766

■ 30.3772, 33.4757,
37.4364

■ 14.1157, 9.4164,
5.9234

■ 34.2609, 39.2721,
44.8072

■ 13.1459, 8.0190,
3.9288

■ 38.5789, 45.7261,
52.9729

■ 12.4505, 7.0322,
2.4508

■ 43.3438, 52.8574,
61.9560

■ 12.0007, 6.4114,
1.4417

■ 48.5683, 60.6850,
71.7786

■ 11.7320, 6.0418,
0.8347

■ 54.2639, 69.2269,
82.4616

■ 11.7319, 6.0417,
0.8346

■ 60.4423, 78.5008,
94.0253

Harmonies

Analogous

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



21.2005, 19.8185, 23.3245



21.1925, 19.8185, 19.8479



20.5353, 19.8185, 17.1409

Triad

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



21.1925, 19.8185, 19.8479



17.2158, 19.8185, 17.1906



18.2494, 19.8185, 28.7587

Complementary

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



21.1925, 19.8185, 19.8479



22.2866, 25.9476, 29.8217

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.



17.2348, 19.8185, 26.7237



21.1925, 19.8185, 19.8479



16.6558, 19.8185, 19.9228

Square

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



21.1925, 19.8185, 19.8479



18.2223, 19.8185, 15.7234



16.6626, 19.8185, 23.4079



19.4651, 19.8185, 28.7330

Rectangle

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



21.1925, 19.8185, 19.8479



19.8330, 19.8185, 16.0273



16.6626, 19.8185, 23.4079



17.8747, 19.8185, 28.2841

Sweetspot

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



21.1930, 19.8194, 19.8483



44.7606, 45.5950, 48.6442



22.6126, 20.3385, 29.5223



9.8907, 10.0439, 10.6935



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.1930, 19.8194, 19.8483



36.0261, 32.6412, 31.8130



22.5601, 22.7416, 19.7245



5.4230, 5.4297, 5.7256



10.0668, 5.1837, 0.7373



0.0986, 0.0505, 0.0197

Inverse Universe

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



21.1930, 19.8194, 19.8483



36.0261, 32.6412, 31.8130



20.6902, 22.5104, 30.0429



5.4230, 5.4297, 5.7256



10.0668, 5.1837, 0.7373



0.0986, 0.0505, 0.0197

Previews

White Background



This preview shows how the XYZ color 21.1925, 19.8185, 19.8479 looks on a white background.

Color Contrast Check

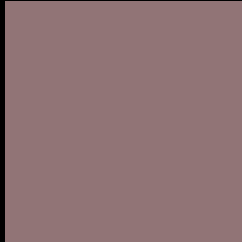
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1925, 19.8185, 19.8479 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 21.1925, 19.8185, 19.8479

Background



This preview shows how black text looks on a background with the XYZ color 21.1925, 19.8185, 19.8479.



This preview shows how white text looks on a background with the XYZ color 21.1925, 19.8185,

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

21.1925, 19.8185, 19.8479

Protanopia

19.2000, 20.0067, 21.2621

Deuteranopia

20.1242, 19.7964, 19.5900



Tritanopia

21.6229, 19.8277, 21.7563

Trichromacy



Original Color

21.1925, 19.8185, 19.8479

Protanomaly

19.8405, 19.8000, 20.8652

Deuteranomaly

20.5045, 19.8167, 19.5739

Tritanomaly

21.4976, 19.7776, 21.0968

Monochromacy



Original Color

21.1925, 19.8185, 19.8479

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9881, 20.2297, 21.2636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1925, 19.8185, 19.8479 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(145, 116, 118)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 118)  
}
```

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(145, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.1925, 19.8185, 19.8479 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(145, 116, 118) }
```


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

```
.border{ border-color:rgb(145, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1925, 19.8185, 19.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 118) }
```

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

```
.background{ background-color: rgb(145,  
116, 118) }
```

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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