

Converting Colors

XYZ(21.9368, 19.2312, 27.5288)

Have a look what the booklet for
XYZ(21.9368, 19.2312, 27.5288)
contains.

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Color

**XYZ(21.9197, 19.1916,
27.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	906F8C
RGB	144, 111, 140
RGB Percent	56%, 44%, 55%
CMY	0.4353, 0.5647, 0.4510
CMYK	0.00, 0.23, 0.03, 0.44
HSL	307°, 13%, 50%
HSV	307°, 23%, 56%
XYZ	21.9197, 19.1916, 27.3600
YIQ	124.1730, 10.3590, 16.0150

Conversions

Conversions Part 2

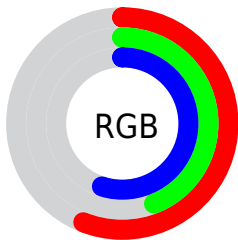
Format	Color
R_{YB}	144, 111, 140
Decimal	9465740
CIE _{Lab}	50.91, 18.21, -10.84
CIE _{LCh}	51, 21.197, 329.232
Yxy	19.1916, 0.3201, 0.2803
Android (android.graphics.Color)	4287655820 (0xFF906F8C)
YUV	124.1730, 7.8027, 17.3883
Hunter-Lab	43.8082, 12.6491, -6.3632

Details

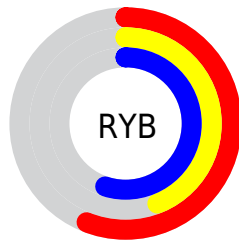
The XYZ color **21.9197, 19.1916, 27.3600** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6241, 24.5645, 19.9279**, and the grayscale version is **19.1887, 20.1880, 21.9847**.

A 20% lighter version of the original color is **46.1235, 42.0952, 56.7331**, and **8.1372, 6.6204, 10.5218** is the 20% darker color. If you saturate the color by 10%, you get **20.3459, 16.2480, 26.2055**, and if you desaturate by 10%, it is **23.7501, 22.6443, 28.6105**.

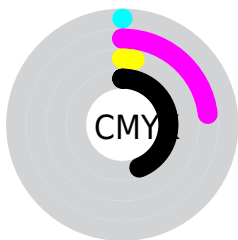
Distribution



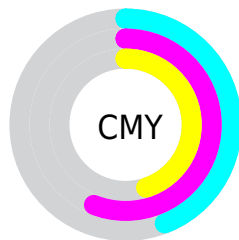
- Red (56%)
- Green (44%)
- Blue (55%)



- Red (56%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9197, 19.1916, 27.3600 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 21.9197, 19.1916, 27.3600 by changing the saturation by 10% instead.

■ 21.9197, 19.1916,
27.3600

■ 21.9197, 19.1916,
27.3600

254.7669,
247.5045, 303.2111

■ 13.9142, 11.8088,
17.6090

■ 46.0931, 42.0576,
56.4718

■ 8.1423, 6.6136,
10.5031

■ 62.9917, 58.3096,
76.6695

■ 4.2387, 3.2217,
5.6238

■ 83.5853, 78.2868,
101.1867

■ 1.8380, 1.2485,
2.5527

■ 108.2394,
102.3736, 130.4417

■ 0.5404, 0.1008,
0.8679

137.3192,
130.9543, 164.8531

■ 0.0000, 0.0000,
0.0000

171.1902,

164.4135, 204.8394

210.2176,
203.1354, 250.8192

■ 21.9197, 19.1916,
27.3600

■ 21.9197, 19.1916,
27.3600

■ 20.3459, 16.2480,
26.2055

■ 23.7501, 22.6443,
28.6105

■ 19.0146, 13.7867,
25.1416

■ 25.8465, 26.6263,
29.9597

■ 17.9136, 11.7824,
24.1645

■ 28.2203, 31.1595,
31.4115

■ 17.0282, 10.2064,
23.2692

■ 30.8814, 36.2642,
32.9692

■ 16.3426, 9.0267,
22.4504

■ 33.8393, 41.9592,
34.6362

■ 15.8385, 8.2068,
21.7019

■ 37.1033, 48.2630,
36.4155

■ 15.4944, 7.7036,
21.0166

■ 40.6820, 55.1927,
38.3100

■ 15.3029, 7.4498,
20.5544

■ 44.5837, 62.7652,
40.3226

■ 48.8166, 70.9966,
42.4560

Harmonies

Analogous

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



20.2765, 19.1916, 32.6458



21.9197, 19.1916, 27.3600



22.5654, 19.1916, 21.0511

Triad

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



21.9197, 19.1916, 27.3600



18.2950, 19.1916, 11.3654



14.9516, 19.1916, 27.0413

Complementary

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



21.9197, 19.1916, 27.3600



19.6241, 24.5645, 19.9279

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.



14.5078, 19.1916, 20.7424



21.9197, 19.1916, 27.3600



16.3466, 19.1916, 12.3703

Square

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



21.9197, 19.1916, 27.3600



20.3768, 19.1916, 12.4795



14.9989, 19.1916, 15.5405



16.2600, 19.1916, 32.4384

Rectangle

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



21.9197, 19.1916, 27.3600



22.3081, 19.1916, 17.3272



14.9989, 19.1916, 15.5405



14.7010, 19.1916, 24.9248

Sweetspot

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



21.9203, 19.1924, 27.3604



43.9643, 43.8756, 51.8131



17.7698, 17.0181, 28.7343



10.0394, 9.9806, 11.8545



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.



21.9203, 19.1924, 27.3604



37.3188, 31.3327, 47.2912



20.8027, 18.7454, 21.4755



5.5985, 5.4999, 6.6497



13.3315, 6.4896, 17.9289



0.1326, 0.0641, 0.1984

Inverse Universe

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



21.9203, 19.1924, 27.3604



37.3188, 31.3327, 47.2912



20.6500, 24.9749, 25.3303



5.5985, 5.4999, 6.6497



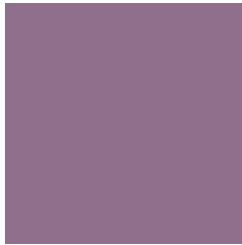
13.3315, 6.4896, 17.9289



0.1326, 0.0641, 0.1984

Previews

White Background



This preview shows how the XYZ color 21.9197, 19.1916, 27.3600 looks on a white background.

Color Contrast Check

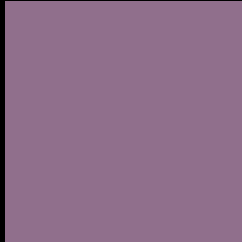
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9197, 19.1916, 27.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

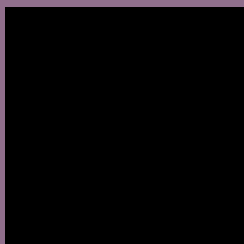
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9197, 19.1916, 27.3600

Background



This preview shows how black text looks on a background with the XYZ color 21.9197, 19.1916, 27.3600.



This preview shows how white text looks on a background with the XYZ color 21.9197, 19.1916,

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

21.9197, 19.1916, 27.3600

Protanopia

19.1072, 19.2213, 29.8971

Deuteranopia

19.5961, 19.1809, 27.0956



Tritanopia

20.7478, 19.2155, 21.3543

Trichromacy



Original Color

21.9197, 19.1916, 27.3600

Protanomaly

19.9995, 19.1718, 29.0320

Deuteranomaly

20.3067, 19.0311, 27.0292

Tritanomaly

21.1953, 19.2349, 23.3645

Monochromacy



Original Color

21.9197, 19.1916, 27.3600

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9862, 19.6307, 23.8548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9197, 19.1916, 27.3600 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(144, 111, 140)` looks like.

```
.text, #text, p{  
    color:rgb(144, 111, 140)  
}
```

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(144, 111, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 111, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.9197, 19.1916, 27.3600 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(144, 111, 140) }
```


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

```
.border{ border-color:rgb(144, 111, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 111, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 111, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 111, 140);  
box-shadow:4px 4px 4px 4px rgb(144, 111,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9197, 19.1916, 27.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 111, 140) }
```

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

```
.background{ background-color: rgb(144,  
111, 140) }
```

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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