

Converting Colors

XYZ(19.8218, 16.7399, 22.2974)

Have a look what the booklet for
XYZ(19.8218, 16.7399, 22.2974)
contains.

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Color

**XYZ(19.8121, 16.6793,
22.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	8F657F
RGB	143, 101, 127
RGB Percent	56%, 40%, 50%
CMY	0.4392, 0.6039, 0.5020
CMYK	0.00, 0.29, 0.11, 0.44
HSL	323°, 17%, 48%
HSV	323°, 29%, 56%
XYZ	19.8121, 16.6793, 22.2539
YIQ	116.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

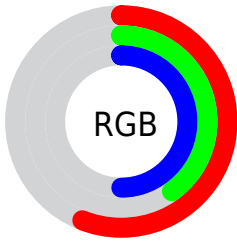
Format	Color
R_{YB}	143, 101, 127
Decimal	9397631
CIE _{Lab}	47.85, 21.23, -7.72
CIE _{LCh}	48, 22.590, 340.025
Yxy	16.6793, 0.3373, 0.2839
Android (android.graphics.Color)	4287587711 (0xFF8F657F)
YUV	116.5220, 5.1657, 23.2212
Hunter-Lab	40.8403, 15.1219, -3.7189

Details

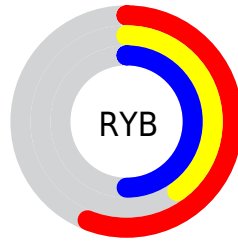
The XYZ color **19.8121, 16.6793, 22.2539** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.4008, 23.6964, 20.4347**, and the grayscale version is **16.7422, 17.6141, 19.1818**.

A 20% lighter version of the original color is **42.4924, 37.6221, 48.2022**, and **7.0619, 5.3716, 7.8723** is the 20% darker color. If you saturate the color by 10%, you get **18.1972, 14.0022, 20.0110**, and if you desaturate by 10%, it is **21.6888, 19.8488, 24.6792**.

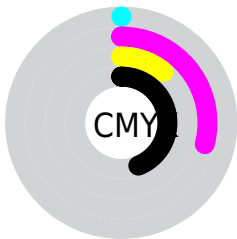
Distribution



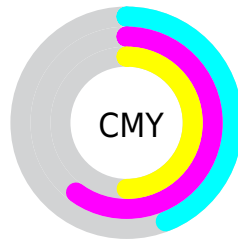
- Red (56%)
- Green (40%)
- Blue (50%)



- Red (56%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8121, 16.6793, 22.2539 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 19.8121, 16.6793, 22.2539 by changing the saturation by 10% instead.

■ 19.8121, 16.6793,
22.2539

■ 19.8121, 16.6793,
22.2539

243.7491,
233.3174, 276.8660

■ 12.3660, 10.0061,
13.8435

■ 42.6083, 37.7736,
48.0728

■ 7.0674, 5.4030,
7.8744

■ 58.6891, 52.9634,
66.3184

■ 3.5510, 2.4856,
3.9281

■ 78.3788, 71.7609,
88.6795

■ 1.4514, 0.8694,
1.5860

■ 102.0428, 94.5505,
115.5746

■ 0.2924, 0.0000,
0.2808

130.0465,
121.7166, 147.4223

■ 0.0000, 0.0000,
0.0000

162.7552,

153.6435, 184.6410

200.5343,
190.7156, 227.6494

■ 19.8121, 16.6793,
22.2539

■ 19.8121, 16.6793,
22.2539

■ 18.1972, 14.0022,
20.0110

■ 21.6888, 19.8488,
24.6792

■ 16.8298, 11.7901,
17.9437

■ 23.8377, 23.5317,
27.2912

■ 15.6964, 10.0164,
16.0461

■ 26.2705, 27.7507,
30.0954

■ 14.7817, 8.6506,
14.3116

■ 28.9976, 32.5263,
33.0968

■ 14.0683, 7.6588,
12.7328

■ 32.0291, 37.8780,
36.3000

■ 13.5359, 7.0009,
11.3014

■ 35.3744, 43.8243,
39.7094

■ 13.1351, 6.5783,
9.9990

■ 39.0426, 50.3830,
43.3295

■ 13.1109, 6.5529,
9.9199

■ 43.0423, 57.5709,
47.1643

■ 47.3819, 65.4045,
51.2180

Harmonies

Analogous

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



18.4984, 16.6793, 28.1373



19.8121, 16.6793, 22.2539



20.0161, 16.6793, 16.2836

Triad

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



19.8121, 16.6793, 22.2539



15.1833, 16.6793, 9.2268



13.0479, 16.6793, 26.3410

Complementary

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



19.8121, 16.6793, 22.2539



18.4008, 23.6964, 20.4347

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.



12.3116, 16.6793, 20.1773



19.8121, 16.6793, 22.2539



13.4730, 16.6793, 10.8749

Square

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



19.8121, 16.6793, 22.2539



17.2244, 16.6793, 9.5501



12.4602, 16.6793, 14.6033



14.5567, 16.6793, 30.8241

Rectangle

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



19.8121, 16.6793, 22.2539



19.4787, 16.6793, 13.1218



12.4602, 16.6793, 14.6033



12.7080, 16.6793, 24.3487

Sweetspot

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



19.8126, 16.6801, 22.2542



42.7625, 42.2674, 48.9605



16.8681, 15.0319, 27.9991



9.6826, 9.4794, 11.0809



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.



19.8126, 16.6801, 22.2542



33.5853, 26.7169, 37.2571



18.6148, 16.2009, 15.9467



5.5403, 5.4767, 6.3434



11.6028, 5.7981, 8.8258



0.1217, 0.0597, 0.1411

Inverse Universe

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



19.8126, 16.6801, 22.2542



33.5853, 26.7169, 37.2571



19.7339, 24.2296, 27.4546



5.5403, 5.4767, 6.3434



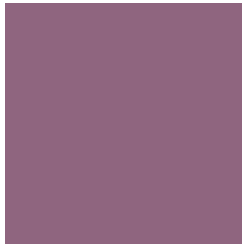
11.6028, 5.7981, 8.8258



0.1217, 0.0597, 0.1411

Previews

White Background



This preview shows how the XYZ color 19.8121, 16.6793, 22.2539 looks on a white 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

Black Background



This preview shows how the XYZ color 19.8121, 16.6793, 22.2539 looks on a black 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

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

XYZ 19.8121, 16.6793, 22.2539

Background



This preview shows how black text looks on a background with the XYZ color 19.8121, 16.6793, 22.2539.



This preview shows how white text looks on a background with the XYZ color 19.8121, 16.6793,

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

19.8121, 16.6793, 22.2539

Protanopia

16.5850, 16.8107, 25.2923

Deuteranopia

17.1318, 16.8426, 21.7500



Tritanopia

18.8594, 16.7332, 17.5651

Trichromacy



Original Color

19.8121, 16.6793, 22.2539

Protanomaly

17.5187, 16.6682, 24.1237

Deuteranomaly

17.9257, 16.6109, 22.0001

Tritanomaly

19.2165, 16.7356, 19.0471

Monochromacy



Original Color

19.8121, 16.6793, 22.2539

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7398, 17.1850, 20.4712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8121, 16.6793, 22.2539 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(143, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 101, 127)  
}
```

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(143, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 101, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.8121, 16.6793, 22.2539 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(143, 101, 127) }
```


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

```
.border{ border-color:rgb(143, 101, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 101, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 101,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8121, 16.6793, 22.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 101, 127) }
```

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

```
.background{ background-color: rgb(143,  
101, 127) }
```

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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