

Converting Colors

XYZ(19.3832, 13.5866, 22.0229)

Have a look what the booklet for
XYZ(19.3832, 13.5866, 22.0229)
contains.

XYZ(19.3832, 13.5866, 22.0229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3832, 13.5866,
22.0229)**

Conversions

Conversions Part 1

Format	Color
Hex	974E80
RGB	151, 78, 128
RGB Percent	59%, 31%, 50%
CMY	0.4078, 0.6941, 0.4980
CMYK	0.00, 0.48, 0.15, 0.41
HSL	319°, 32%, 45%
HSV	319°, 48%, 59%
XYZ	19.3832, 13.5866, 22.0229
YIQ	105.5270, 27.4580, 31.0260

Conversions

Conversions Part 2

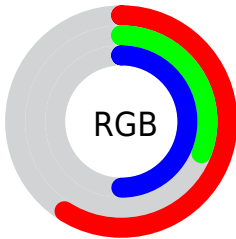
Format	Color
RYB	151, 78, 128
Decimal	9916032
CIELab	43.63, 37.26, -14.58
CIELCh	44, 40.014, 338.627
Yxy	13.5866, 0.3525, 0.2471
Android (android.graphics.Color)	4288106112 (0xFF974E80)
YUV	105.5270, 11.0792, 39.8798
Hunter-Lab	36.8600, 29.3610, -9.6222

Details

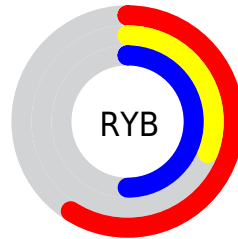
The XYZ color **19.3832, 13.5866, 22.0229** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.5581, 24.6930, 16.2066**, and the grayscale version is **13.5363, 14.2413, 15.5087**.

A 20% lighter version of the original color is **41.9229, 32.3021, 47.7414**, and **6.8635, 3.9917, 7.8059** is the 20% darker color. If you saturate the color by 10%, you get **18.1252, 11.5599, 20.0946**, and if you desaturate by 10%, it is **20.9031, 16.1131, 24.1113**.

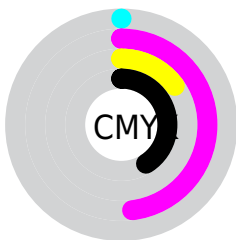
Distribution



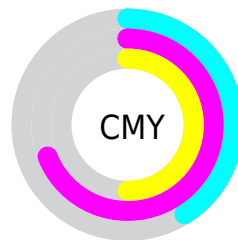
- Red (59%)
- Green (31%)
- Blue (50%)



- Red (59%)
- Yellow (31%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (41%)



- Cyan (41%)
- Magenta (69%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3832, 13.5866, 22.0229 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 19.3832, 13.5866, 22.0229 by changing the saturation by 10% instead.

■ 19.3832, 13.5866,
22.0229

■ 19.3832, 13.5866,
22.0229

241.4539,
214.6437, 275.6232

■ 12.0531, 7.8337,
13.6752

■ 41.8925, 32.3537,
47.6865

■ 6.8523, 3.9887,
7.7590

■ 57.8025, 46.1367,
65.8396

■ 3.4154, 1.6673,
3.8556

■ 77.3031, 63.3652,
88.0982

■ 1.3771, 0.4023,
1.5464

■ 100.7598, 84.4235,
114.8808

■ 0.2398, 0.0000,
0.2522

■ 128.5378,
109.6961, 146.6062

■ 0.0000, 0.0000,
0.0000

161.0026,

139.5675, 183.6926

198.5195,
174.4218, 226.5588

■ 19.3832, 13.5866,
22.0229

■ 19.3832, 13.5866,
22.0229

■ 18.1252, 11.5599,
20.0946

■ 20.9031, 16.1131,
24.1113

■ 17.1105, 9.9968,
18.3187

■ 22.6992, 19.1686,
26.3650

■ 16.3200, 8.8594,
16.6881

■ 24.7865, 22.7821,
28.7901

■ 15.7312, 8.1027,
15.1941

■ 27.1782, 26.9801,
31.3921

■ 15.2993, 7.6375,
13.8208

■ 29.8869, 31.7874,
34.1759

■ 15.2321, 7.5672,
13.6012

■ 32.9244, 37.2272,
37.1464

■ 36.3018, 43.3217,
40.3082

■ 40.0299, 50.0918,
43.6657

■ 44.1187, 57.5577,
47.2232

Harmonies

Analogous

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



17.0561, 13.5866, 32.8048



19.3832, 13.5866, 22.0229



19.8410, 13.5866, 12.3510

Triad

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



19.3832, 13.5866, 22.0229



12.0300, 13.5866, 3.4449



8.7520, 13.5866, 28.4069

Complementary

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



19.3832, 13.5866, 22.0229



16.5581, 24.6930, 16.2066

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.



7.8217, 13.5866, 17.5385



19.3832, 13.5866, 22.0229



9.5029, 13.5866, 4.9870

Square

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



19.3832, 13.5866, 22.0229



15.2385, 13.5866, 3.8344



8.0724, 13.5866, 9.3496



10.8381, 13.5866, 37.4107

Rectangle

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



19.3832, 13.5866, 22.0229



18.9635, 13.5866, 7.9655



8.0724, 13.5866, 9.3496



8.3104, 13.5866, 24.7074

Sweetspot

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



19.3836, 13.5872, 22.0232



45.6332, 42.9735, 52.9425



13.5554, 10.3875, 30.5690



10.1901, 9.4496, 11.8318



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3836, 13.5872, 22.0232



32.2948, 20.4425, 35.7159



17.4456, 12.8120, 11.8175



6.3783, 6.2905, 7.3724



12.9714, 6.4428, 11.6405



0.2102, 0.1028, 0.2595

Inverse Universe

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



19.3836, 13.5872, 22.0232



32.2948, 20.4425, 35.7159



18.6815, 25.5424, 27.3880



6.3783, 6.2905, 7.3724



12.9714, 6.4428, 11.6405



0.2102, 0.1028, 0.2595

Previews

White Background



This preview shows how the XYZ color 19.3832, 13.5866, 22.0229 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 19.3832, 13.5866, 22.0229 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 19.3832, 13.5866, 22.0229

Background



This preview shows how black text looks on a background with the XYZ color 19.3832, 13.5866, 22.0229.



This preview shows how white text looks on a background with the XYZ color 19.3832, 13.5866,

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

19.3832, 13.5866, 22.0229

Protanopia

14.1561, 13.7517, 29.1024

Deuteranopia

14.0007, 13.7057, 20.9763



Tritanopia

17.2922, 13.6313, 11.8449

Trichromacy



Original Color

19.3832, 13.5866, 22.0229

Protanomaly

15.2566, 13.1375, 26.1578

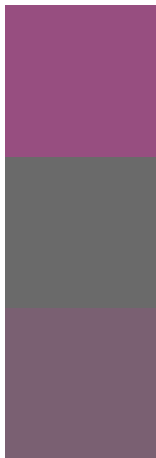
Deuteranomaly

15.5012, 13.3743, 21.1665

Tritanomaly

17.8558, 13.5023, 15.0297

Monochromacy



Original Color

19.3832, 13.5866, 22.0229

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.2462, 13.7182, 17.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3832, 13.5866, 22.0229 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(151, 78, 128)` looks like.

```
.text, #text, p{  
    color:rgb(151, 78, 128)  
}
```

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(151, 78, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 78, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.3832, 13.5866, 22.0229 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(151, 78, 128) }
```


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

```
.border{ border-color:rgb(151, 78, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 78, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 78, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 78, 128);  
box-shadow:4px 4px 4px 4px rgb(151, 78,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3832, 13.5866, 22.0229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 78, 128) }
```

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

```
.background{ background-color: rgb(151, 78,  
128) }
```

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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