

Converting Colors

XYZ(35.9292, 31.5127, 22.7317)

Have a look what the booklet for
XYZ(35.9292, 31.5127, 22.7317)
contains.

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Color

**XYZ(35.8900, 31.5879,
22.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	C68A7A
RGB	198, 138, 122
RGB Percent	78%, 54%, 48%
CMY	0.2235, 0.4588, 0.5216
CMYK	0.00, 0.30, 0.38, 0.22
HSL	13°, 40%, 63%
HSV	13°, 38%, 78%
XYZ	35.8900, 31.5879, 22.6178
YIQ	154.1160, 40.8960, 7.7440

Conversions

Conversions Part 2

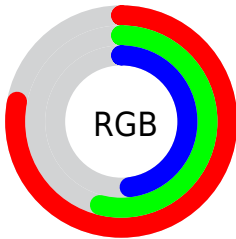
Format	Color
R _Y B	198, 142, 122
Decimal	13011578
CIE Lab	63.00, 20.87, 17.76
CIE LCh	63, 27.407, 40.393
Yxy	31.5879, 0.3984, 0.3506
Android (android.graphics.Color)	4291201658 (0xFFC68A7A)
YUV	154.1160, -15.8332, 38.4863
Hunter-Lab	56.2031, 15.6305, 15.4821

Details

The XYZ color **35.8900, 31.5879, 22.6178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9462, 41.6689, 59.6270**, and the grayscale version is **30.8216, 32.4267, 35.3127**.

A 20% lighter version of the original color is **67.7296, 62.0153, 48.4448**, and **15.8477, 13.2113, 8.0181** is the 20% darker color. If you saturate the color by 10%, you get **32.7026, 26.9804, 16.1069**, and if you desaturate by 10%, it is **39.6518, 36.9439, 30.5540**.

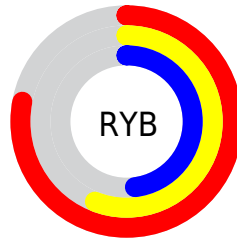
Distribution



Red (78%)

Green (54%)

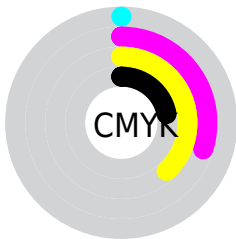
Blue (48%)



Red (78%)

Yellow (56%)

Blue (48%)

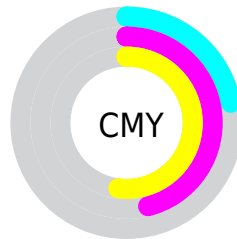


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8900, 31.5879, 22.6178 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 35.8900, 31.5879, 22.6178 by changing the saturation by 10% instead.


 35.8900, 31.5879,
22.6178


 35.8900, 31.5879,
22.6178


319.9191,
309.2377, 278.8138


 24.5190, 21.0469,
14.1089


 68.1872, 62.1645,
48.6802

 15.8459, 13.1583,
8.0568


 89.8441, 82.9689,
67.0708

 9.5053, 7.5376,
4.0430

 115.6604,
107.9632, 89.5924

 5.1319, 3.8006,
1.6490

146.0013,
137.5319, 116.6635

 2.3604, 1.5626,
0.3254

181.2323,
172.0593, 148.7026

 0.8253, 0.3322,
0.0000

221.7187,

 0.0000, 0.0000,

211.9298, 186.1284

0.0000

267.8259,
257.5278, 229.3593

■ 35.8900, 31.5879,
22.6178

■ 35.8900, 31.5879,
22.6178

■ 32.7026, 26.9804,
16.1069

■ 39.6518, 36.9439,
30.5540

■ 30.0581, 23.0833,
10.9342

■ 44.0123, 43.0753,
39.9914

■ 27.9256, 19.8619,
7.0063


■ 48.9977, 50.0130,
51.0031


■ 26.2701, 17.2768,
4.2166


■ 54.6314, 57.7853,
63.6567

■ 25.0515, 15.2840,
2.4404


■ 60.9361, 66.4186,
78.0157

 24.2152, 13.8308,
1.4853

 67.9329, 75.9384,
94.1404

 24.1059, 13.6402,
1.3623

 74.7273, 86.0031,
107.2695

 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



37.7332, 31.5879, 30.7828



35.8900, 31.5879, 22.6178



32.5223, 31.5879, 18.3089

Triad

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



35.8900, 31.5879, 22.6178



23.6990, 31.5879, 27.8867



31.3502, 31.5879, 59.1232

Complementary

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



35.8900, 31.5879, 22.6178



34.9462, 41.6689, 59.6270

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.



27.6558, 31.5879, 57.8931



35.8900, 31.5879, 22.6178



23.4425, 31.5879, 38.2768

Square

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



35.8900, 31.5879, 22.6178



25.5663, 31.5879, 20.8808



24.8336, 31.5879, 49.6785



34.9704, 31.5879, 52.7534

Rectangle

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



35.8900, 31.5879, 22.6178



29.9737, 31.5879, 17.5298



24.8336, 31.5879, 49.6785



30.0731, 31.5879, 59.6127

Sweetspot

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



35.8908, 31.5894, 22.6184



83.2811, 83.7281, 82.5775



38.7747, 29.3356, 48.3094



17.5734, 17.5704, 17.1173



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.8908, 31.5894, 22.6184



58.7970, 49.0688, 30.3033



42.1705, 44.1488, 24.7117



10.8119, 10.9929, 11.1148



15.7278, 8.9729, 0.9030



0.7987, 0.5329, 0.0608

Inverse Universe

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



34.9462, 41.6689, 59.6270



56.8615, 69.3574, 104.9981



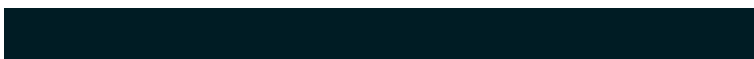
28.3142, 28.4048, 57.4163



10.7498, 11.6737, 13.6042



14.4570, 18.3078, 37.5162



0.7335, 0.9647, 1.7927

Previews

White Background



This preview shows how the XYZ color 35.8900, 31.5879, 22.6178 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.8900, 31.5879, 22.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

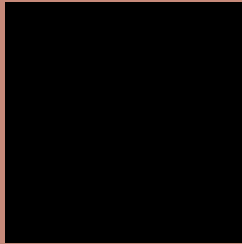
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8900, 31.5879, 22.6178

Background



This preview shows how black text looks on a background with the XYZ color 35.8900, 31.5879, 22.6178.



This preview shows how white text looks on a background with the XYZ color 35.8900, 31.5879,

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

35.8900, 31.5879, 22.6178

Protanopia

29.8886, 31.6185, 25.2966

Deuteranopia

32.4143, 31.8072, 22.2003



Tritanopia

37.5942, 31.6516, 30.9160

Trichromacy



Original Color

35.8900, 31.5879, 22.6178

Protanomaly

31.6552, 31.3725, 24.1257

Deuteranomaly

33.6741, 31.7661, 22.4458

Tritanomaly

36.8727, 31.5566, 27.8145

Monochromacy



Original Color

35.8900, 31.5879, 22.6178

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0500, 31.6789, 30.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8900, 31.5879, 22.6178 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(198, 138, 122)` looks like.

```
.text, #text, p{  
    color:rgb(198, 138, 122)  
}
```

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(198, 138, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 138, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.8900, 31.5879, 22.6178 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(198, 138, 122) }
```


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

```
.border{ border-color:rgb(198, 138, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 138, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 138, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 138, 122);  
box-shadow:4px 4px 4px 4px rgb(198, 138,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8900, 31.5879, 22.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 138, 122) }
```

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

```
.background{ background-color: rgb(198,  
138, 122) }
```

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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