

Converting Colors

XYZ(35.2200, 26.9260, 33.9128)

Have a look what the booklet for
XYZ(35.2200, 26.9260, 33.9128)
contains.

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Color

**XYZ(35.2200, 26.9260,
33.9128)**

Conversions

Conversions Part 1

Format	Color
Hex	C5759A
RGB	197, 117, 154
RGB Percent	77%, 46%, 60%
CMY	0.2274, 0.5412, 0.3961
CMYK	0.00, 0.41, 0.22, 0.23
HSL	332°, 41%, 62%
HSV	332°, 41%, 77%
XYZ	35.2200, 26.9260, 33.9128
YIQ	145.1380, 35.8030, 28.4670

Conversions

Conversions Part 2

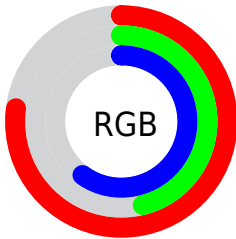
Format	Color
R_{YB}	197, 117, 154
Decimal	12940698
CIE _{Lab}	58.91, 36.26, -6.42
CIE _{LCh}	59, 36.826, 349.956
Yxy	26.9260, 0.3667, 0.2803
Android (android.graphics.Color)	4291130778 (0xFFC5759A)
YUV	145.1380, 4.3690, 45.4830
Hunter-Lab	51.8903, 30.3471, -2.4257

Details

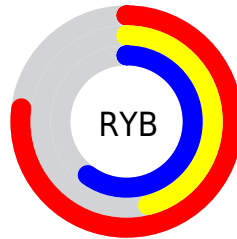
The XYZ color **35.2200, 26.9260, 33.9128** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.6488, 46.2532, 40.4142**, and the grayscale version is **26.9431, 28.3462, 30.8690**.

A 20% lighter version of the original color is **66.9999, 54.5635, 66.6750**, and **15.3809, 10.5384, 14.0554** is the 20% darker color. If you saturate the color by 10%, you get **32.3182, 22.4719, 28.7845**, and if you desaturate by 10%, it is **38.6842, 32.3797, 39.6130**.

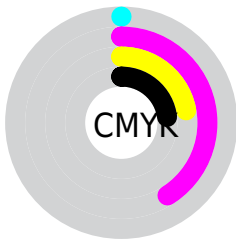
Distribution



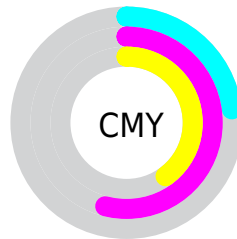
- Red (77%)
- Green (46%)
- Blue (60%)



- Red (77%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (23%)



- Cyan (23%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2200, 26.9260, 33.9128 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 35.2200, 26.9260, 33.9128 by changing the saturation by 10% instead.

 35.2200, 26.9260,
33.9128


 35.2200, 26.9260,
33.9128


317.0294,
287.2986, 334.5003


 23.9997, 17.5177,
22.5498


 67.1582, 54.7651,
66.9304

 15.4581, 10.6043,
14.0593


 88.6069, 73.9646,
89.4221

 9.2299, 5.8014,
8.0227


 114.1956, 97.1967,
116.4604

 4.9498, 2.7247,
4.0215

144.2899,
124.8457, 148.4638

 2.2523, 0.9898,
1.6371

179.2551,
157.2960, 185.8510

 0.7701, 0.0000,
0.3171

219.4565,

 0.0000, 0.0000,

194.9320, 229.0405

0.0000

265.2595,
238.1381, 278.4507

■ 35.2200, 26.9260,
33.9128

■ 35.2200, 26.9260,
33.9128

■ 32.3182, 22.4719,
28.7845

■ 38.6842, 32.3797,
39.6130

■ 29.9439, 18.9517,
24.2058

■ 42.7382, 38.8858,
45.9031

■ 28.0617, 16.2978,
20.1549


■ 47.4104, 46.4977,
52.8017


■ 26.6306, 14.4317,
16.6074

■ 52.7268, 55.2643,
60.3266


■ 25.6023, 13.2602,
13.5359


■ 58.7115, 65.2315,
68.4943

 24.9191, 12.6276,
11.0458

 65.3876, 76.4425,
77.3208

 72.7770, 88.9385,
86.8217

 74.3240, 89.6056,
94.8194

 75.9326, 90.2490,
103.2896

Harmonies

Analogous

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



32.8989, 26.9260, 48.5946



35.2200, 26.9260, 33.9128



34.7377, 26.9260, 21.5640

Triad

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



35.2200, 26.9260, 33.9128



22.7183, 26.9260, 11.4979



20.3616, 26.9260, 53.0141

Complementary

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



35.2200, 26.9260, 33.9128



33.6488, 46.2532, 40.4142

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.



18.2120, 26.9260, 38.7378



35.2200, 26.9260, 33.9128



19.4566, 26.9260, 15.9614

Square

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



35.2200, 26.9260, 33.9128



27.1502, 26.9260, 10.9074



17.9016, 26.9260, 25.1579



24.0953, 26.9260, 61.5962

Rectangle

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



35.2200, 26.9260, 33.9128



32.9090, 26.9260, 15.9809



17.9016, 26.9260, 25.1579



19.4495, 26.9260, 48.5537

Sweetspot

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



35.2208, 26.9273, 33.9133



83.5171, 80.9921, 92.5457



30.8712, 24.1946, 55.8666



17.6297, 16.9327, 19.4492



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.



35.2208, 26.9273, 33.9133



58.2887, 40.8623, 52.2993



32.9143, 26.5090, 20.2132



10.8345, 10.7172, 12.1118



16.4316, 8.3222, 7.4826



0.8145, 0.4086, 0.5464

Inverse Universe

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



35.2208, 26.9273, 33.9133



58.2887, 40.8623, 52.2993



36.7811, 46.5459, 59.8693



10.8345, 10.7172, 12.1118



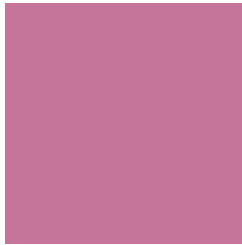
16.4316, 8.3222, 7.4826



0.8145, 0.4086, 0.5464

Previews

White Background



This preview shows how the XYZ color 35.2200, 26.9260, 33.9128 looks on a white background.

Color Contrast Check

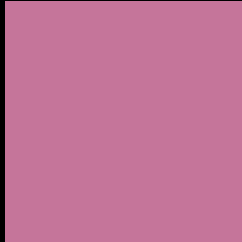
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2200, 26.9260, 33.9128 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 35.2200, 26.9260, 33.9128

Background



This preview shows how black text looks on a background with the XYZ color 35.2200, 26.9260, 33.9128.



This preview shows how white text looks on a background with the XYZ color 35.2200, 26.9260,

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

35.2200, 26.9260, 33.9128

Protanopia

26.8397, 27.1486, 41.3617

Deuteranopia

27.5424, 27.0544, 32.6245



Tritanopia

33.3723, 26.8886, 24.5502

Trichromacy



Original Color

35.2200, 26.9260, 33.9128

Protanomaly

29.0527, 26.4520, 38.6965

Deuteranomaly

29.7170, 26.5245, 32.8316

Tritanomaly

34.1416, 27.0328, 27.8445

Monochromacy



Original Color

35.2200, 26.9260, 33.9128

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.3191, 27.3586, 31.7524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2200, 26.9260, 33.9128 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(197, 117, 154)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 154)  
}
```

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(197, 117, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.2200, 26.9260, 33.9128 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(197, 117, 154) }
```


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

```
.border{ border-color:rgb(197, 117, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 117, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 154);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2200, 26.9260, 33.9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 117, 154) }
```

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

```
.background{ background-color: rgb(197,  
117, 154) }
```

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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