

Converting Colors

XYZ(35.3152, 28.9100, 56.1525)

Have a look what the booklet for
XYZ(35.3152, 28.9100, 56.1525)
contains.

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Color

**XYZ(35.1800, 28.8350,
55.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	AD82C4
RGB	173, 130, 196
RGB Percent	68%, 51%, 77%
CMY	0.3216, 0.4902, 0.2314
CMYK	0.12, 0.34, 0.00, 0.23
HSL	279°, 36%, 64%
HSV	279°, 34%, 77%
XYZ	35.1800, 28.8350, 55.9361
YIQ	150.3810, 4.4420, 29.6420

Conversions

Conversions Part 2

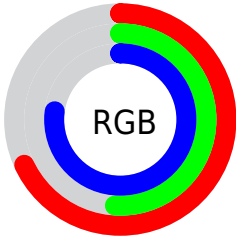
Format	Color
RYB	173, 130, 196
Decimal	11371204
CIELab	60.64, 28.67, -28.05
CIElCh	61, 40.108, 315.626
Yxy	28.8350, 0.2933, 0.2404
Android (android.graphics.Color)	4289561284 (0xFFAD82C4)
YUV	150.3810, 22.4902, 19.8369
Hunter-Lab	53.6982, 22.9711, -24.1721

Details

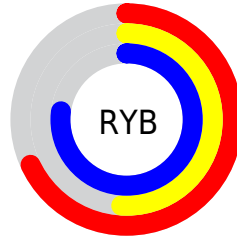
The XYZ color **35.1800, 28.8350, 55.9361** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9070, 47.8646, 28.4139**, and the grayscale version is **29.0581, 30.5714, 33.2923**.

A 20% lighter version of the original color is **66.9762, 57.6168, 100.5196**, and **15.4969, 11.6834, 27.0295** is the 20% darker color. If you saturate the color by 10%, you get **31.3453, 23.3502, 55.0800**, and if you desaturate by 10%, it is **39.5904, 35.3551, 56.9626**.

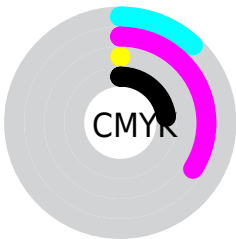
Distribution



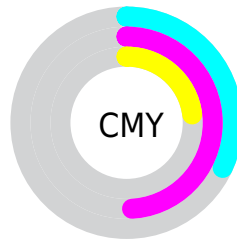
- Red (68%)
- Green (51%)
- Blue (77%)



- Red (68%)
- Yellow (51%)
- Blue (77%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1800, 28.8350, 55.9361 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 35.1800, 28.8350, 55.9361 by changing the saturation by 10% instead.

■ 35.1800, 28.8350,
55.9361

■ 35.1800, 28.8350,
55.9361

316.8562,
296.4356, 426.8322

■ 23.9687, 18.9560,
39.7480

■ 67.0967, 57.8148,
100.3960

■ 15.4350, 11.6385,
27.0299

■ 88.5329, 77.6845,
129.5049

■ 9.2136, 6.4980,
17.3630

■ 114.1080,
101.6532, 163.7579

■ 4.9390, 3.1502,
10.3290

144.1875,
130.1053, 203.5734

■ 2.2459, 1.2107,
5.5092

179.1367,
163.4251, 249.3701

■ 0.7668, 0.0704,
2.4851

219.3210,

■ 0.0000, 0.0000,

201.9973, 301.5664

0.8322

265.1057,
246.2060, 360.5809

■ 0.0000, 0.0000,
0.0000

■ 35.1800, 28.8350,
55.9361

■ 35.1800, 28.8350,
55.9361

■ 31.3453, 23.3502,
55.0800

■ 39.5904, 35.3551,
56.9626

■ 28.0540, 18.8400,
54.3829

■ 44.6008, 42.9596,
58.1664

■ 25.2748, 15.2427,
53.8350

■ 50.2375, 51.6987,
59.5561

■ 22.9715, 12.4880,
53.4247

■ 56.5242, 61.6184,
61.1394

■ 21.1029, 10.4948,
53.1385

■ 63.4834, 72.7621,
62.9236

■ 19.6191, 9.1655,
52.9601

■ 71.1365, 85.1709,
64.9154

■ 18.8205, 8.5513,
52.8836

■ 75.4861, 90.8486,
65.7820

■ 77.6062, 91.9415,
65.8812

■ 79.8117, 93.0785,
65.9844

Harmonies

Analogous

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



30.1848, 28.8350, 67.7643



35.1800, 28.8350, 55.9361



38.2596, 28.8350, 39.0423

Triad

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



35.1800, 28.8350, 55.9361



29.9605, 28.8350, 11.0460



18.8730, 28.8350, 39.7447

Complementary

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



35.1800, 28.8350, 55.9361



36.9070, 47.8646, 28.4139

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.



18.8290, 28.8350, 24.8202



35.1800, 28.8350, 55.9361



24.8047, 28.8350, 11.1268

Square

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



35.1800, 28.8350, 55.9361



34.9980, 28.8350, 15.0732



20.8723, 28.8350, 15.3458



21.0013, 28.8350, 56.5883

Rectangle

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



35.1800, 28.8350, 55.9361



38.5908, 28.8350, 28.6759



20.8723, 28.8350, 15.3458



18.6238, 28.8350, 34.2838

Sweetspot

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



35.1810, 28.8362, 55.9367



84.2538, 83.1491, 106.2165



30.5784, 31.5477, 56.7027



17.7296, 17.3278, 22.6601



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.



35.1810, 28.8362, 55.9367



58.7916, 45.1331, 100.2206



39.6220, 31.2516, 50.4547



10.1456, 10.0662, 12.6931



12.1887, 5.5439, 33.9843



0.5987, 0.2767, 1.4717

Inverse Universe

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



36.4983, 30.0021, 34.0055



61.7673, 47.6969, 53.8368



33.6731, 46.1169, 31.9002



10.2149, 10.1346, 11.2221



15.3409, 7.8261, 4.4414



0.6957, 0.3513, 0.3648

Previews

White Background



This preview shows how the XYZ color 35.1800, 28.8350, 55.9361 looks on a white background.

Color Contrast Check

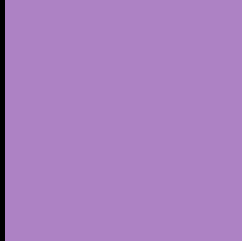
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1800, 28.8350, 55.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

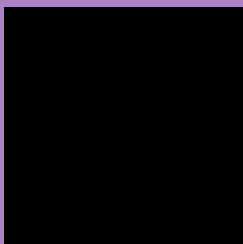
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1800, 28.8350, 55.9361

Background



This preview shows how black text looks on a background with the XYZ color 35.1800, 28.8350, 55.9361.



This preview shows how white text looks on a background with the XYZ color 35.1800, 28.8350,

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

35.1800, 28.8350, 55.9361

Protanopia

29.9881, 28.9635, 63.0415

Deuteranopia

29.5906, 28.9477, 54.4799



Tritanopia

30.4635, 28.7742, 32.8025

Trichromacy



Original Color

35.1800, 28.8350, 55.9361

Protanomaly

31.5137, 28.7063, 60.3798

Deuteranomaly

31.3646, 28.7498, 54.9351

Tritanomaly

32.1414, 28.8334, 40.4306

Monochromacy



Original Color

35.1800, 28.8350, 55.9361

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8981, 29.7040, 40.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1800, 28.8350, 55.9361 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(173, 130, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 196)  
}
```

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(173, 130, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.1800, 28.8350, 55.9361 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(173, 130, 196) }
```


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

```
.border{ border-color:rgb(173, 130, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1800, 28.8350, 55.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 196) }
```

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

```
.background{ background-color: rgb(173,  
130, 196) }
```

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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