

Converting Colors

XYZ(35.4963, 29.8295, 54.9257)

Have a look what the booklet for
XYZ(35.4963, 29.8295, 54.9257)
contains.

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Color

**XYZ(35.4963, 29.8295,
54.9257)**

Conversions

Conversions Part 1

Format	Color
Hex	AD86C2
RGB	173, 134, 194
RGB Percent	68%, 53%, 76%
CMY	0.3216, 0.4745, 0.2392
CMYK	0.11, 0.31, 0.00, 0.24
HSL	279°, 33%, 64%
HSV	279°, 31%, 76%
XYZ	35.4963, 29.8295, 54.9257
YIQ	152.5010, 3.9840, 26.9280

Conversions

Conversions Part 2

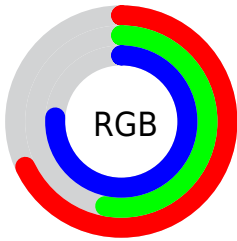
Format	Color
RYB	173, 134, 194
Decimal	11372226
CIELab	61.51, 25.99, -25.58
CIELCh	62, 36.462, 315.456
Yxy	29.8295, 0.2952, 0.2481
Android (android.graphics.Color)	4289562306 (0xFFAD86C2)
YUV	152.5010, 20.4590, 17.9776
Hunter-Lab	54.6164, 20.4321, -21.3943

Details

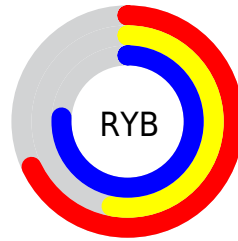
The XYZ color **35.4963, 29.8295, 54.9257** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.1134, 47.2741, 29.7244**, and the grayscale version is **29.9755, 31.5365, 34.3433**.

A 20% lighter version of the original color is **67.7089, 59.5895, 99.2001**, and **15.6497, 12.2272, 26.3462** is the 20% darker color. If you saturate the color by 10%, you get **31.5936, 24.1962, 54.0445**, and if you desaturate by 10%, it is **39.9691, 36.4883, 55.9757**.

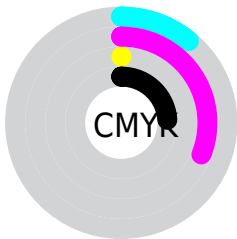
Distribution



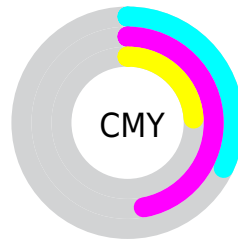
- Red (68%)
- Green (53%)
- Blue (76%)



- Red (68%)
- Yellow (53%)
- Blue (76%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)





- Cyan (32%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4963, 29.8295, 54.9257 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 35.4963, 29.8295, 54.9257 by changing the saturation by 10% instead.


 35.4963, 29.8295,
54.9257


 35.4963, 29.8295,
54.9257


318.2234,
301.1089, 422.9042


 24.2137, 19.7092,
38.9440


 67.5829, 59.3924,
98.9021

 15.6178, 12.1838,
26.4087

 89.1176, 79.6039,
127.7340

 9.3433, 6.8690,
16.9011


 114.8004,
103.9478, 161.6864

 5.0246, 3.3803,
10.0028

144.9967,
132.8087, 201.1777

 2.2966, 1.3334,
5.2952

180.0717,
166.5708, 246.6267

 0.7929, 0.1668,
2.3597

220.3910,

 0.0000, 0.0000,

205.6186, 298.4517

0.7644

266.3197,
250.3365, 357.0714

■ 0.0000, 0.0000,
0.0000

■ 35.4963, 29.8295,
54.9257

■ 35.4963, 29.8295,
54.9257

■ 31.5936, 24.1962,
54.0445

■ 39.9691, 36.4883,
55.9757

■ 28.2301, 19.5303,
53.3212

■ 45.0350, 44.2192,
57.2009

■ 25.3761, 15.7734,
52.7465

■ 50.7194, 53.0704,
58.6098

■ 22.9974, 12.8592,
52.3093

■ 57.0450, 63.0860,
60.2096

■ 21.0554, 10.7118,
51.9972

■ 64.0335, 74.3077,
62.0073

■ 19.5043, 9.2416,
51.7952

■ 71.7053, 86.7751,
64.0094

■ 18.3567, 8.3383,
51.6813

■ 75.1742, 90.7139,
64.5868

■ 77.2779, 91.7984,
64.6852

■ 79.4662, 92.9265,
64.7876

Harmonies

Analogous

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



30.8986, 29.8295, 65.4341



35.4963, 29.8295, 54.9257



38.3205, 29.8295, 39.6237

Triad

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



35.4963, 29.8295, 54.9257



30.7478, 29.8295, 12.9432



20.3128, 29.8295, 40.0921

Complementary

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



35.4963, 29.8295, 54.9257



37.1134, 47.2741, 29.7244

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.



20.2822, 29.8295, 26.2497



35.4963, 29.8295, 54.9257



25.9494, 29.8295, 13.0026

Square

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



35.4963, 29.8295, 54.9257



35.3751, 29.8295, 16.9768



22.2371, 29.8295, 17.1717



22.3261, 29.8295, 55.3514

Rectangle

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



35.4963, 29.8295, 54.9257



38.6336, 29.8295, 30.0164



22.2371, 29.8295, 17.1717



20.0785, 29.8295, 35.0732

Sweetspot

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



35.4973, 29.8308, 54.9264



83.3449, 82.8223, 104.0633



31.4587, 32.7415, 55.7011



17.9317, 17.6428, 22.7102



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.



35.4973, 29.8308, 54.9264



59.4896, 47.0459, 98.4151



39.6370, 32.0659, 50.5552



10.1441, 10.0654, 12.6930



12.1603, 5.5293, 33.9830



0.5976, 0.2761, 1.4717

Inverse Universe

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



36.6906, 30.8873, 35.0396



62.1989, 49.3849, 55.9698



34.0068, 45.6056, 32.6029



10.2155, 10.1348, 11.2254



15.3469, 7.8285, 4.4728



0.6960, 0.3514, 0.3664

Previews

White Background



This preview shows how the XYZ color 35.4963, 29.8295, 54.9257 looks on a white background.

Color Contrast Check

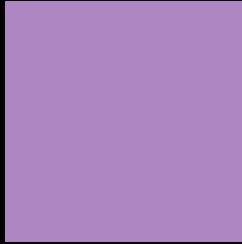
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4963, 29.8295, 54.9257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

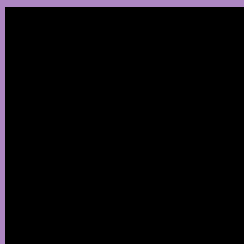
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4963, 29.8295, 54.9257

Background



This preview shows how black text looks on a background with the XYZ color 35.4963, 29.8295, 54.9257.



This preview shows how white text looks on a background with the XYZ color 35.4963, 29.8295,

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

35.4963, 29.8295, 54.9257

Protanopia

30.8485, 30.1326, 61.3170

Deuteranopia

30.6085, 29.9390, 54.0347



Tritanopia

31.3591, 29.8614, 34.2480

Trichromacy



Original Color

35.4963, 29.8295, 54.9257

Protanomaly

32.1309, 29.7192, 58.6865

Deuteranomaly

32.2475, 29.8717, 54.5183

Tritanomaly

32.6627, 29.7274, 41.0622

Monochromacy



Original Color

35.4963, 29.8295, 54.9257

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.8440, 30.8585, 41.3237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4963, 29.8295, 54.9257 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, 134, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 134, 194)  
}
```

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, 134, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 134, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.4963, 29.8295, 54.9257 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, 134, 194) }
```


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

```
.border{ border-color:rgb(173, 134, 194) }
```

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

Here you see how a box with a 4 pixel rgb(173, 134, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 134, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 134, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 134,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4963, 29.8295, 54.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 134, 194) }
```

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

```
.background{ background-color: rgb(173,  
134, 194) }
```

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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