

Converting Colors

XYZ(41.3432, 35.2102, 31.3485)

Have a look what the booklet for
XYZ(41.3432, 35.2102, 31.3485)
contains.

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Color

**XYZ(41.5116, 35.3909,
31.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	D28F91
RGB	210, 143, 145
RGB Percent	82%, 56%, 57%
CMY	0.1765, 0.4392, 0.4314
CMYK	0.00, 0.32, 0.31, 0.18
HSL	358°, 43%, 69%
HSV	358°, 32%, 82%
XYZ	41.5116, 35.3909, 31.4313
YIQ	163.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

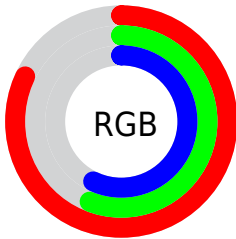
Format	Color
R _Y B	210, 143, 145
Decimal	13799313
CIE Lab	66.05, 25.68, 9.29
CIE LCh	66, 27.312, 19.884
Yxy	35.3909, 0.3832, 0.3267
Android (android.graphics.Color)	4291989393 (0xFFD28F91)
YUV	163.2610, -9.0027, 40.9901
Hunter-Lab	59.4903, 20.4473, 10.3177

Details

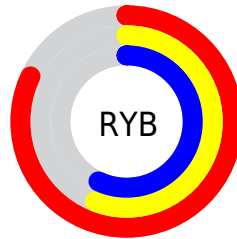
The XYZ color **41.5116, 35.3909, 31.4313** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7610, 56.4876, 68.1687**, and the grayscale version is **34.9651, 36.7860, 40.0600**.

A 20% lighter version of the original color is **71.5151, 65.3160, 62.8708**, and **19.2191, 15.3505, 12.7765** is the 20% darker color. If you saturate the color by 10%, you get **37.2164, 29.0932, 22.9312**, and if you desaturate by 10%, it is **46.6806, 42.9848, 41.6134**.

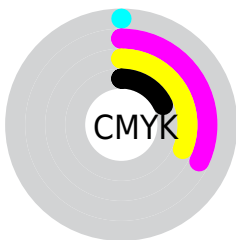
Distribution



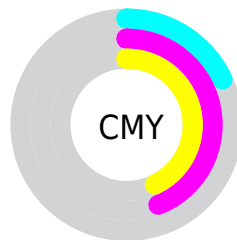
- Red (82%)
- Green (56%)
- Blue (57%)



- Red (82%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5116, 35.3909, 31.4313 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 41.5116, 35.3909, 31.4313 by changing the saturation by 10% instead.


 41.5116, 35.3909,
31.4313


 41.5116, 35.3909,
31.4313

343.4805,
326.2904, 322.9329

 28.9085, 23.9641,
20.6663


 76.7297, 68.0909,
63.0060

 19.1555, 15.3070,
12.6914


 100.0755, 90.1329,
84.6527

 11.8874, 9.0351,
7.0882


127.7328,
116.4822, 110.7638

 6.7387, 4.7641,
3.4380

160.0670,
147.5230, 141.7577

 3.3441, 2.1095,
1.3224

197.4436,
183.6399, 178.0531

 1.3382, 0.6700,
0.0801

240.2277,

 0.2116, 0.0000,

225.2171, 220.0684

0.0000

288.7849,
272.6392, 268.2221

0.0000, 0.0000,
0.0000

41.5116, 35.3909,
31.4313

41.5116, 35.3909,
31.4313

37.2164, 29.0932,
22.9312

46.6806, 42.9848,
41.6134

33.7441, 24.0147,
16.0207

52.7648, 51.9364,
53.5589

31.0428, 20.0779,
10.6017

59.8067, 62.3092,
67.3466

29.0539, 17.1947,
6.5643

67.8450, 74.1613,
83.0498

27.7100, 15.2636,
3.7836

76.9164, 87.5474,
100.7378

■ 26.9311, 14.1636,
2.1122

■ 80.3883, 92.4416,
108.2138

■ 26.6126, 13.7153,
1.4243

Harmonies

Analogous

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



41.9080, 35.3909, 42.5894



41.5116, 35.3909, 31.4313



38.9134, 35.3909, 23.8625

Triad

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



41.5116, 35.3909, 31.4313



28.0233, 35.3909, 25.8685



32.2876, 35.3909, 64.9471

Complementary

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



41.5116, 35.3909, 31.4313



45.7610, 56.4876, 68.1687

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.



28.8623, 35.3909, 58.2468



41.5116, 35.3909, 31.4313



26.5345, 35.3909, 34.7459

Square

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



41.5116, 35.3909, 31.4313



31.0565, 35.3909, 21.1262



26.8288, 35.3909, 46.6349



36.3587, 35.3909, 63.5641

Rectangle

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



41.5116, 35.3909, 31.4313



36.3901, 35.3909, 21.1470



26.8288, 35.3909, 46.6349



31.0283, 35.3909, 63.5209

Sweetspot

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



41.5125, 35.3926, 31.4320



83.7173, 83.3035, 86.7210



47.4031, 37.6759, 65.7465



17.6046, 17.3676, 17.9458



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.



41.5125, 35.3926, 31.4320



59.9157, 48.3206, 39.8808



46.7249, 46.0614, 32.4169



11.8228, 11.8139, 12.3427



16.2399, 8.3688, 0.9034



0.9132, 0.4700, 0.0775

Inverse Universe

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



41.5125, 35.3926, 31.4320



59.9157, 48.3206, 39.8808



39.0287, 42.6277, 67.1437



11.8228, 11.8139, 12.3427



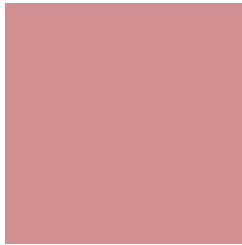
16.2399, 8.3688, 0.9034



0.9132, 0.4700, 0.0775

Previews

White Background



This preview shows how the XYZ color 41.5116, 35.3909, 31.4313 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 41.5116, 35.3909, 31.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

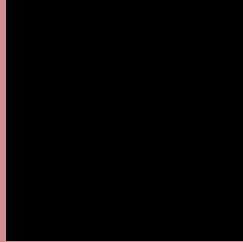
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5116, 35.3909, 31.4313

Background



This preview shows how black text looks on a background with the XYZ color 41.5116, 35.3909, 31.4313.



This preview shows how white text looks on a background with the XYZ color 41.5116, 35.3909,

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

41.5116, 35.3909, 31.4313

Protanopia

33.9206, 35.4740, 35.6312

Deuteranopia

36.2077, 35.4931, 30.9291



Tritanopia

42.2867, 35.4948, 34.7594

Trichromacy



Original Color

41.5116, 35.3909, 31.4313

Protanomaly

36.1976, 35.1693, 34.1587

Deuteranomaly

38.0930, 35.4843, 31.2270

Tritanomaly

42.0420, 35.3969, 33.4706

Monochromacy



Original Color

41.5116, 35.3909, 31.4313

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7116, 35.8805, 36.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5116, 35.3909, 31.4313 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(210, 143, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 143, 145)  
}
```

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(210, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 143, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.5116, 35.3909, 31.4313 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(210, 143, 145) }
```


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

```
.border{ border-color:rgb(210, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 143, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 143, 145); box-shadow:4px 4px 4px 4px rgb(210, 143, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5116, 35.3909, 31.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 143, 145) }
```

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

```
.background{ background-color: rgb(210,  
143, 145) }
```

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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