

Converting Colors

XYZ(41.4107, 31.9503, 34.9092)

Have a look what the booklet for
XYZ(41.4107, 31.9503, 34.9092)
contains.

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Color

**XYZ(41.5301, 31.9924,
34.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	D77F9B
RGB	215, 127, 155
RGB Percent	84%, 50%, 61%
CMY	0.1569, 0.5019, 0.3922
CMYK	0.00, 0.41, 0.28, 0.16
HSL	341°, 52%, 67%
HSV	341°, 41%, 84%
XYZ	41.5301, 31.9924, 34.9966
YIQ	156.5040, 43.4600, 27.3640

Conversions

Conversions Part 2

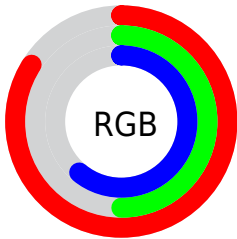
Format	Color
R _Y B	215, 127, 155
Decimal	14122907
CIE Lab	63.34, 37.44, -0.21
CIE LCh	63, 37.445, 359.675
Yxy	31.9924, 0.3827, 0.2948
Android (android.graphics.Color)	4292312987 (0xFFD77F9B)
YUV	156.5040, -0.7415, 51.3010
Hunter-Lab	56.5618, 32.0791, 2.9087

Details

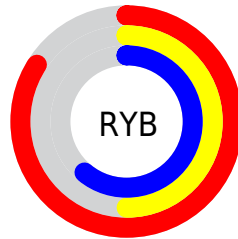
The XYZ color **41.5301, 31.9924, 34.9966** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.0240, 56.7016, 55.7463**, and the grayscale version is **31.8157, 33.4726, 36.4516**.

A 20% lighter version of the original color is **69.2725, 58.9112, 68.0415**, and **19.1837, 13.4375, 14.6793** is the 20% darker color. If you saturate the color by 10%, you get **37.8865, 26.5571, 28.0721**, and if you desaturate by 10%, it is **45.9175, 38.6754, 42.9071**.

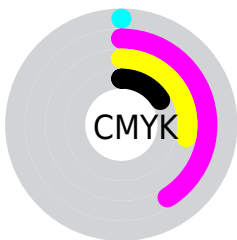
Distribution



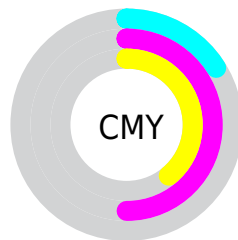
- Red (84%)
- Green (50%)
- Blue (61%)



- Red (84%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5301, 31.9924, 34.9966 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 41.5301, 31.9924, 34.9966 by changing the saturation by 10% instead.


 41.5301, 31.9924,
34.9966


 41.5301, 31.9924,
34.9966

343.5562,
311.0846, 339.4571


 28.9230, 21.3557,
23.3767


 76.7576, 62.7992,
68.6320

 19.1666, 13.3843,
14.6640


 100.1087, 83.7380,
91.4846

 11.8954, 7.6937,
8.4399


 127.7719,
108.8797, 118.9186

 6.7442, 3.8996,
4.2859

160.1125,
138.6087, 151.3524

 3.3475, 1.6175,
1.7835

197.4959,
173.3092, 189.2046

 1.3401, 0.3694,
0.4170

240.2874,

 0.2129, 0.0000,

213.3658, 232.8938

0.0000

288.8524,
259.1628, 282.8384

■ 0.0000, 0.0000,
0.0000

■ 41.5301, 31.9924,
34.9966

■ 41.5301, 31.9924,
34.9966

■ 37.8865, 26.5571,
28.0721

■ 45.9175, 38.6754,
42.9071

■ 34.9405, 22.2868,
22.0911

■ 51.0856, 46.6729,
51.8401

■ 32.6451, 19.0958,
17.0103


■ 57.0723, 56.0524,
61.8321


■ 30.9455, 16.8846,
12.7818


■ 63.9119, 66.8753,
72.9175

■ 29.7776, 15.5348,
9.3522

■ 71.6368, 79.1994,
85.1289

 29.0801, 14.8694,
6.8706

 79.9561, 92.4358,
98.3903

 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



39.8705, 31.9924, 51.3663



41.5301, 31.9924, 34.9966



39.9384, 31.9924, 22.5040

Triad

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



41.5301, 31.9924, 34.9966



25.7257, 31.9924, 15.4220



25.6382, 31.9924, 65.8217

Complementary

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



41.5301, 31.9924, 34.9966



42.0240, 56.7016, 55.7463

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.



22.5286, 31.9924, 51.0035



41.5301, 31.9924, 34.9966



22.5750, 31.9924, 22.2949

Square

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



41.5301, 31.9924, 34.9966



30.4644, 31.9924, 13.3439



21.4730, 31.9924, 34.6725



30.3513, 31.9924, 71.9864

Rectangle

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



41.5301, 31.9924, 34.9966



37.3406, 31.9924, 17.2595



21.4730, 31.9924, 34.6725



24.3911, 31.9924, 61.5125

Sweetspot

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



41.5310, 31.9939, 34.9972



82.8740, 80.7349, 89.1593



40.0252, 30.4842, 68.0646



17.4788, 16.8724, 18.6545



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.



41.5310, 31.9939, 34.9972



56.4663, 40.1334, 42.7026



41.4798, 35.2280, 24.6941



12.5844, 12.4853, 13.7519



17.4362, 8.9108, 4.3349



1.0889, 0.5523, 0.4573

Inverse Universe

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



41.5310, 31.9939, 34.9972



56.4663, 40.1334, 42.7026



41.7509, 50.8825, 71.9109



12.5844, 12.4853, 13.7519



17.4362, 8.9108, 4.3349



1.0889, 0.5523, 0.4573

Previews

White Background



This preview shows how the XYZ color 41.5301, 31.9924, 34.9966 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 41.5301, 31.9924, 34.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

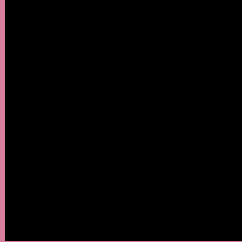
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5301, 31.9924, 34.9966

Background



This preview shows how black text looks on a background with the XYZ color 41.5301, 31.9924, 34.9966.



This preview shows how white text looks on a background with the XYZ color 41.5301, 31.9924,

34.9966.

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

41.5301, 31.9924, 34.9966

Protanopia

31.5958, 32.3601, 42.6111

Deuteranopia

32.6955, 32.1643, 33.7632



Tritanopia

40.0834, 31.9755, 28.4854

Trichromacy



Original Color

41.5301, 31.9924, 34.9966

Protanomaly

34.4440, 31.7771, 39.9155

Deuteranomaly

35.4421, 31.7559, 33.9673

Tritanomaly

40.6926, 32.0410, 30.8279

Monochromacy



Original Color

41.5301, 31.9924, 34.9966

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.6397, 32.4230, 35.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5301, 31.9924, 34.9966 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(215, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(215, 127, 155)  
}
```

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(215, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 127, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.5301, 31.9924, 34.9966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

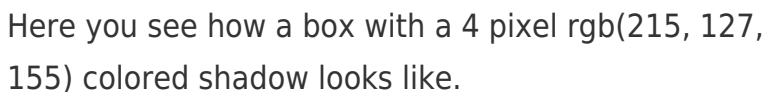
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 127, 155) }
```


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

```
.border{ border-color:rgb(215, 127, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 127, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 127, 155); box-shadow:4px 4px 4px 4px rgb(215, 127, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5301, 31.9924, 34.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 127, 155) }
```

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

```
.background{ background-color: rgb(215,  
127, 155) }
```

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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