

Converting Colors

$Y_{xy}(41.3071, 0.3508, 0.3207)$

Have a look what the booklet for
Yxy(41.3071, 0.3508, 0.3207)
contains.

Yxy(41.4016, 0.3509, 0.3216)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4016, 0.3509, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	CEA1A7
RGB	206, 161, 167
RGB Percent	81%, 63%, 65%
CMY	0.1921, 0.3686, 0.3452
CMYK	0.00, 0.22, 0.19, 0.19
HSL	352°, 31%, 72%
HSV	352°, 22%, 81%
XYZ	45.1736, 41.4016, 42.1611
YIQ	175.1390, 24.8940, 11.4060

Conversions

Conversions Part 2

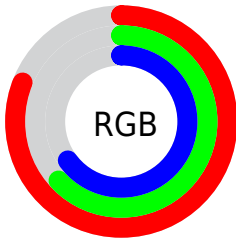
Format	Color
R _Y B	206, 161, 167
Decimal	13541799
CIE Lab	70.46, 17.54, 3.29
CIE LCh	70, 17.847, 10.618
Yxy	41.4016, 0.3509, 0.3216
Android (android.graphics.Color)	4291731879 (0xFFCEA1A7)
YUV	175.1390, -4.0125, 27.0651
Hunter-Lab	64.3441, 12.7161, 6.1914

Details

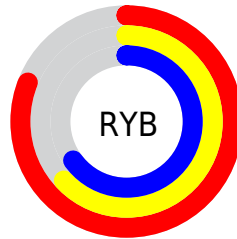
The Yxy color **41.4016, 0.3509, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8949, 0.2842, 0.3366**, and the grayscale version is **42.9578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6457, 0.3373, 0.3230**, and **18.7544, 0.3627, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **34.1709, 0.3753, 0.3180**, and if you desaturate by 10%, it is **49.9135, 0.3312, 0.3251**.

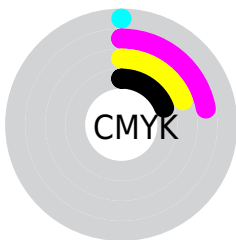
Distribution



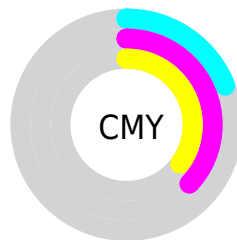
- Red (81%)
- Green (63%)
- Blue (65%)



- Red (81%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4016, 0.3509, 0.3216 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 Yxy color 41.4016, 0.3509, 0.3216 by changing the saturation by 10% instead.

 41.4016, 0.3509,
0.3216


 41.4016, 0.3509,
0.3216


351.9963, 0.3313,
0.3256

 28.6330, 0.3559,
0.3205

 77.2932, 0.3437,
0.3231

 18.8034, 0.3625,
0.3191


 101.1849, 0.3410,
0.3236

 11.5283, 0.3714,
0.3171


129.5532, 0.3387,
0.3241

 6.4234, 0.3842,
0.3142

162.7824, 0.3368,
0.3245

 3.1042, 0.4039,
0.3094

201.2570, 0.3352,
0.3248

 1.1864, 0.4385,
0.3003

245.3612, 0.3337,

 0.0505, 0.9041,

0.3251

0.0959

295.4795, 0.3325,
0.3253

0.0000, 0.0000,
0.0000

41.4016, 0.3509,
0.3216

41.4016, 0.3509,
0.3216

34.1709, 0.3753,
0.3180

49.9135, 0.3312,
0.3251

28.1541, 0.4052,
0.3146

59.7585, 0.3153,
0.3284

23.2860, 0.4408,
0.3116

70.9926, 0.3025,
0.3315

19.4934, 0.4817,
0.3098

83.6668, 0.2921,
0.3342

16.6943, 0.5256,
0.3097

91.8628, 0.2838,
0.3289

■ 14.7951, 0.5681,
0.3120

■ 13.6843, 0.6034,
0.3167

■ 13.2037, 0.6240,
0.3211

Harmonies

Analogous

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



41.4016, 0.3279, 0.3022



41.4016, 0.3509, 0.3216



41.4016, 0.3634, 0.3435

Triad

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



41.4016, 0.3509, 0.3216



41.4016, 0.3222, 0.3728



41.4016, 0.2659, 0.2935

Complementary

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



41.4016, 0.3509, 0.3216



55.8949, 0.2842, 0.3366

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.



41.4016, 0.2646, 0.3111



41.4016, 0.3509, 0.3216



41.4016, 0.2964, 0.3582

Square

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



41.4016, 0.3509, 0.3216



41.4016, 0.3462, 0.3741



41.4016, 0.2755, 0.3350



41.4016, 0.2791, 0.2860

Rectangle

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



41.4016, 0.3509, 0.3216



41.4016, 0.3638, 0.3570



41.4016, 0.2755, 0.3350



41.4016, 0.2641, 0.2984

Sweetspot

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



41.4035, 0.3509, 0.3216



88.1781, 0.3232, 0.3267



42.2281, 0.3099, 0.2743



18.6668, 0.3242, 0.3265



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4035, 0.3509, 0.3216



61.5808, 0.3612, 0.3200



47.3405, 0.3524, 0.3496



11.2375, 0.3269, 0.3259



8.1380, 0.6215, 0.3197



0.4280, 0.5773, 0.2954

Inverse Universe

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



41.4035, 0.3509, 0.3216



61.5808, 0.3612, 0.3200



48.6474, 0.2790, 0.3074



11.2375, 0.3269, 0.3259



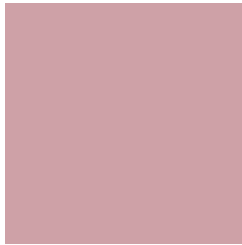
8.1380, 0.6215, 0.3197



0.4280, 0.5773, 0.2954

Previews

White Background



This preview shows how the Yxy color 41.4016, 0.3509, 0.3216 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 Yxy color 41.4016, 0.3509, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

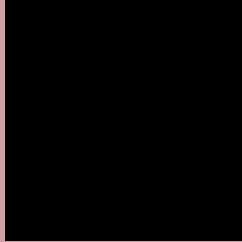
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4016, 0.3509, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 41.4016, 0.3509, 0.3216.



This preview shows how white text looks on a background with the Yxy color 41.4016, 0.3509, 0.3216.

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

41.4016, 0.3509, 0.3216

Protanopia

41.6361, 0.3146, 0.3276

Deuteranopia

41.5971, 0.3371, 0.3304



Tritanopia

41.4241, 0.3463, 0.3129

Trichromacy



Original Color

41.4016, 0.3509, 0.3216

Protanomaly

41.3846, 0.3268, 0.3251

Deuteranomaly

41.5338, 0.3422, 0.3278

Tritanomaly

41.3473, 0.3482, 0.3154

Monochromacy



Original Color

41.4016, 0.3509, 0.3216

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1671, 0.3257, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4016, 0.3509, 0.3216 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(206, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(206, 161, 167)  
}
```

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(206, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 161, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.4016, 0.3509, 0.3216 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(206, 161, 167) }
```

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

```
.border{ border-color:rgb(206, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 161, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 161, 167); box-shadow:4px 4px 4px 4px rgb(206, 161, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4016, 0.3509, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 161, 167) }
```

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

```
.background{ background-color: rgb(206,  
161, 167) }
```

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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