

Converting Colors

$Yxy(41.5161, 0.3587, 0.3601)$

Have a look what the booklet for
Yxy(41.5161, 0.3587, 0.3601)
contains.

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Color

Yxy(41.5189, 0.3581, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	C2A891
RGB	194, 168, 145
RGB Percent	76%, 66%, 57%
CMY	0.2393, 0.3411, 0.4314
CMYK	0.00, 0.13, 0.25, 0.24
HSL	28°, 29%, 66%
HSV	28°, 25%, 76%
XYZ	41.3572, 41.5189, 32.6146
YIQ	173.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

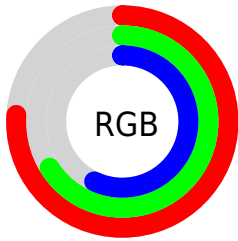
Format	Color
RYB	194, 188, 145
Decimal	12757137
CIELab	70.54, 5.88, 15.39
CIELCh	71, 16.470, 69.095
Yxy	41.5189, 0.3581, 0.3595
Android (android.graphics.Color)	4290947217 (0xFFC2A891)
YUV	173.1520, -13.8789, 18.2837
Hunter-Lab	64.4352, 1.8073, 15.0943

Details

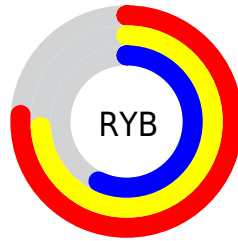
The Yxy color **41.5189, 0.3581, 0.3595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0207, 0.2732, 0.2964**, and the grayscale version is **41.9337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4081, 0.3495, 0.3537**, and **18.8744, 0.3728, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **37.3249, 0.3806, 0.3722**, and if you desaturate by 10%, it is **46.1191, 0.3383, 0.3470**.

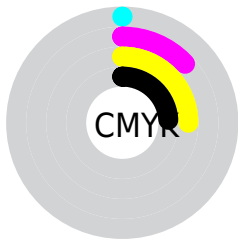
Distribution



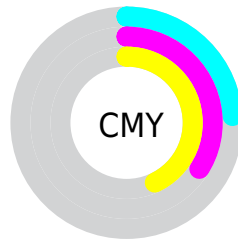
- Red (76%)
- Green (66%)
- Blue (57%)



- Red (76%)
- Yellow (74%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5189, 0.3581, 0.3595 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 41.5189, 0.3581, 0.3595 by changing the saturation by 10% instead.


 41.5189, 0.3581,
0.3595

 41.5189, 0.3581,
0.3595


352.4847, 0.3349,
0.3443

 28.7248, 0.3641,
0.3633


 77.4710, 0.3495,
0.3540

 18.8727, 0.3718,
0.3681


 101.3977, 0.3464,
0.3519

 11.5783, 0.3822,
0.3744


129.8041, 0.3437,
0.3502

 6.4573, 0.3969,
0.3829

163.0745, 0.3414,
0.3486

 3.1251, 0.4192,
0.3951

201.5934, 0.3394,
0.3473

 1.1974, 0.4872,
0.4411

245.7452, 0.3377,

 0.0596, 0.7706,

0.3462

0.2294

295.9141, 0.3362,
0.3452

0.0000, 0.0000,
0.0000

41.5189, 0.3581,
0.3595

41.5189, 0.3581,
0.3595

37.3249, 0.3806,
0.3722

46.1191, 0.3383,
0.3470

33.5192, 0.4056,
0.3845

51.1312, 0.3209,
0.3350

30.0910, 0.4329,
0.3956

56.5682, 0.3058,
0.3238

27.0267, 0.4615,
0.4044

62.4406, 0.2928,
0.3133

24.3114, 0.4901,
0.4096

68.7584, 0.2814,
0.3038

■ 21.9289, 0.5169,
0.4100

■ 75.1142, 0.2750,
0.3015

■ 19.8609, 0.5399,
0.4050

■ 80.9966, 0.2759,
0.3128

■ 18.9785, 0.5500,
0.4015

■ 87.2220, 0.2769,
0.3239

■ 90.2072, 0.2773,
0.3289

Harmonies

Analogous

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



41.5189, 0.3591, 0.3415



41.5189, 0.3581, 0.3595



41.5189, 0.3446, 0.3702

Triad

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



41.5189, 0.3581, 0.3595



41.5189, 0.2792, 0.3358



41.5189, 0.3013, 0.2919

Complementary

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



41.5189, 0.3581, 0.3595



39.0207, 0.2732, 0.2964

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.



41.5189, 0.2809, 0.2894



41.5189, 0.3581, 0.3595



41.5189, 0.2685, 0.3136

Square

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



41.5189, 0.3581, 0.3595



41.5189, 0.2989, 0.3568



41.5189, 0.2691, 0.2969



41.5189, 0.3256, 0.3034

Rectangle

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



41.5189, 0.3581, 0.3595



41.5189, 0.3306, 0.3712



41.5189, 0.2691, 0.2969



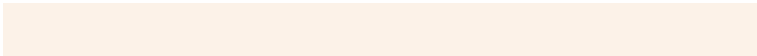
41.5189, 0.2938, 0.2900

Sweetspot

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



41.5208, 0.3581, 0.3595



89.9733, 0.3256, 0.3384



34.6573, 0.3379, 0.2948



19.3948, 0.3282, 0.3402



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.



41.5208, 0.3581, 0.3595



71.1845, 0.3695, 0.3661



51.3642, 0.3509, 0.3894



10.8410, 0.3277, 0.3399



12.6415, 0.5479, 0.4032



0.6841, 0.5119, 0.4317

Inverse Universe

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



39.0207, 0.2732, 0.2964



65.9217, 0.2648, 0.2886



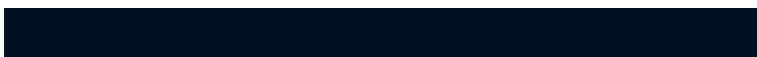
30.6606, 0.2700, 0.2605



10.6119, 0.2984, 0.3179



9.0809, 0.1805, 0.1696



0.5294, 0.1912, 0.2083

Previews

White Background



This preview shows how the Yxy color 41.5189, 0.3581, 0.3595 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 41.5189, 0.3581, 0.3595 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 41.5189, 0.3581, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 41.5189, 0.3581, 0.3595.



This preview shows how white text looks on a background with the Yxy color 41.5189, 0.3581, 0.3595.

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

41.5189, 0.3581, 0.3595

Protanopia

41.5567, 0.3436, 0.3632

Deuteranopia

41.4589, 0.3637, 0.3564



Tritanopia

41.6913, 0.3342, 0.3138

Trichromacy



Original Color

41.5189, 0.3581, 0.3595

Protanomaly

41.6402, 0.3485, 0.3628

Deuteranomaly

41.5521, 0.3614, 0.3579

Tritanomaly

41.4972, 0.3432, 0.3291

Monochromacy



Original Color

41.5189, 0.3581, 0.3595

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5939, 0.3287, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5189, 0.3581, 0.3595 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(194, 168, 145)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 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(194, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.5189, 0.3581, 0.3595 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(194, 168, 145) }
```

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

```
.border{ border-color:rgb(194, 168, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
145) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 41.5189, 0.3581, 0.3595$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 145) }
```

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

```
.background{ background-color: rgb(194,  
168, 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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