

Converting Colors

$Yxy(41.5521, 0.3614, 0.3579)$

Have a look what the booklet for
Yxy(41.5521, 0.3614, 0.3579)
contains.

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Color

Yxy(41.5521, 0.3614, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	C5A791
RGB	197, 167, 145
RGB Percent	77%, 65%, 57%
CMY	0.2274, 0.3451, 0.4314
CMYK	0.00, 0.15, 0.26, 0.23
HSL	25°, 31%, 67%
HSV	25°, 26%, 77%
XYZ	41.9584, 41.5521, 32.5892
YIQ	173.4620, 24.9420, -0.4820

Conversions

Conversions Part 2

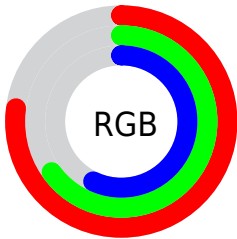
Format	Color
R _Y B	197, 183, 145
Decimal	12953489
CIE Lab	70.56, 7.60, 15.46
CIE LCh	71, 17.229, 63.808
Yxy	41.5521, 0.3614, 0.3579
Android (android.graphics.Color)	4291143569 (0xFFC5A791)
YUV	173.4620, -14.0318, 20.6428
Hunter-Lab	64.4609, 3.3814, 15.1477

Details

The Yxy color **41.5521, 0.3614, 0.3579** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7121, 0.2716, 0.2982**, and the grayscale version is **42.1022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4369, 0.3519, 0.3526**, and **18.8385, 0.3748, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **37.0147, 0.3850, 0.3694**, and if you desaturate by 10%, it is **46.5648, 0.3407, 0.3465**.

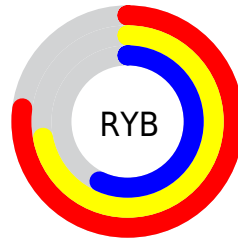
Distribution



Red (77%)

Green (65%)

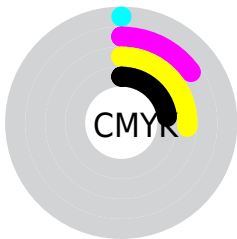
Blue (57%)



Red (77%)

Yellow (72%)

Blue (57%)

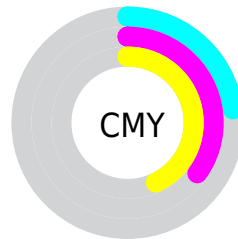


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5521, 0.3614, 0.3579 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 41.5521, 0.3614, 0.3579 by changing the saturation by 10% instead.

 41.5521, 0.3614,
0.3579

 41.5521, 0.3614,
0.3579

352.6228, 0.3365,
0.3436

 28.7507, 0.3678,
0.3614


 77.5213, 0.3522,
0.3527

 18.8923, 0.3761,
0.3658


 101.4579, 0.3488,
0.3508

 11.5925, 0.3873,
0.3716


129.8751, 0.3459,
0.3491

 6.4669, 0.4032,
0.3794

163.1572, 0.3435,
0.3477

 3.1310, 0.4272,
0.3902

201.6886, 0.3414,
0.3465

 1.2005, 0.4984,
0.4324

245.8538, 0.3395,

 0.0621, 0.7976,

0.3454

0.2024

296.0371, 0.3379,
0.3444

0.0000, 0.0000,
0.0000

41.5521, 0.3614,
0.3579

41.5521, 0.3614,
0.3579

37.0147, 0.3850,
0.3694

46.5648, 0.3407,
0.3465

32.9321, 0.4116,
0.3805

52.0611, 0.3229,
0.3356

29.2905, 0.4407,
0.3902

58.0564, 0.3075,
0.3254

26.0731, 0.4715,
0.3976

64.5636, 0.2942,
0.3160

23.2619, 0.5024,
0.4012

71.5951, 0.2828,
0.3072

■ 20.8370, 0.5312,
0.4000

■ 78.6236, 0.2773,
0.3077

■ 18.7753, 0.5556,
0.3935

■ 85.3491, 0.2782,
0.3200

■ 18.1143, 0.5638,
0.3905

■ 90.6132, 0.2789,
0.3289

Harmonies

Analogous

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



41.5521, 0.3599, 0.3383



41.5521, 0.3614, 0.3579



41.5521, 0.3493, 0.3709

Triad

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



41.5521, 0.3614, 0.3579



41.5521, 0.2807, 0.3402



41.5521, 0.2965, 0.2891

Complementary

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



41.5521, 0.3614, 0.3579



40.7121, 0.2716, 0.2982

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.



41.5521, 0.2765, 0.2882



41.5521, 0.3614, 0.3579



41.5521, 0.2677, 0.3167

Square

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



41.5521, 0.3614, 0.3579



41.5521, 0.3025, 0.3613



41.5521, 0.2662, 0.2979



41.5521, 0.3217, 0.2996

Rectangle

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



41.5521, 0.3614, 0.3579



41.5521, 0.3355, 0.3735



41.5521, 0.2662, 0.2979



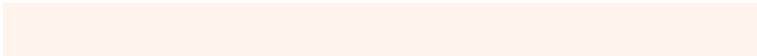
41.5521, 0.2890, 0.2877

Sweetspot

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



41.5540, 0.3614, 0.3579



91.4745, 0.3257, 0.3375



35.2270, 0.3368, 0.2899



19.2502, 0.3284, 0.3391



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.



41.5540, 0.3614, 0.3579



69.3669, 0.3754, 0.3649



51.9177, 0.3534, 0.3893



11.3622, 0.3279, 0.3388



12.0696, 0.5616, 0.3923



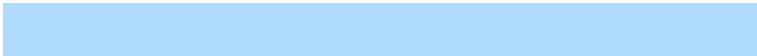
0.7143, 0.5248, 0.4215

Inverse Universe

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



40.7121, 0.2716, 0.2982



67.5870, 0.2621, 0.2899



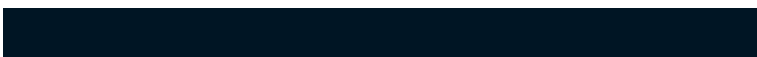
31.6462, 0.2681, 0.2606



11.2866, 0.2983, 0.3190



10.6843, 0.1849, 0.1856



0.6472, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 41.5521, 0.3614, 0.3579 looks on a white background.

Color Contrast Check

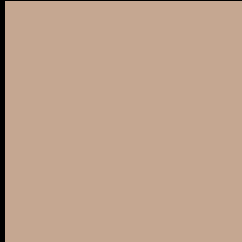
Large Text (above 18pt) WCAG AA × Fail

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 41.5521, 0.3614, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

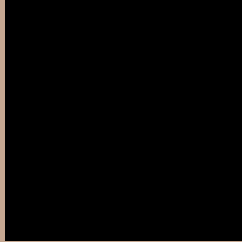
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5521, 0.3614, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 41.5521, 0.3614, 0.3579.



This preview shows how white text looks on a background with the Yxy color 41.5521, 0.3614, 0.3579.

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

41.5521, 0.3614, 0.3579

Protanopia

41.5882, 0.3427, 0.3618

Deuteranopia

41.4589, 0.3637, 0.3564



Tritanopia

41.7070, 0.3381, 0.3139

Trichromacy



Original Color

41.5521, 0.3614, 0.3579

Protanomaly

41.4208, 0.3489, 0.3601

Deuteranomaly

41.3225, 0.3627, 0.3565

Tritanomaly

41.5106, 0.3472, 0.3291

Monochromacy



Original Color

41.5521, 0.3614, 0.3579

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7152, 0.3297, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5521, 0.3614, 0.3579 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(197, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 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(197, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.5521, 0.3614, 0.3579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

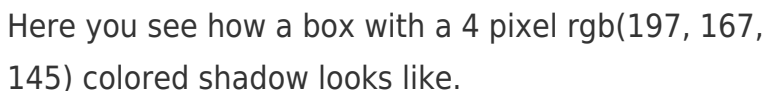
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 167, 145) }
```

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

```
.border{ border-color:rgb(197, 167, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 167, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 167, 145); box-shadow:4px 4px 4px 4px rgb(197, 167, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5521, 0.3614, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 145) }
```

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

```
.background{ background-color: rgb(197,  
167, 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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