

Converting Colors

$Yxy(41.6493, 0.3629, 0.3405)$

Have a look what the booklet for
Yxy(41.6493, 0.3629, 0.3405)
contains.

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Color

Yxy(41.6493, 0.3629, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	CEA39A
RGB	206, 163, 154
RGB Percent	81%, 64%, 60%
CMY	0.1921, 0.3608, 0.3960
CMYK	0.00, 0.21, 0.25, 0.19
HSL	10°, 35%, 71%
HSV	10°, 25%, 81%
XYZ	44.3892, 41.6493, 36.2795
YIQ	174.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

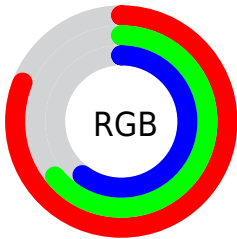
Format	Color
R _Y B	206, 165, 154
Decimal	13542298
CIE Lab	70.63, 14.53, 10.71
CIE LCh	71, 18.047, 36.387
Yxy	41.6493, 0.3629, 0.3405
Android (android.graphics.Color)	4291732378 (0xFFCEA39A)
YUV	174.8310, -10.2697, 27.3352
Hunter-Lab	64.5363, 9.8371, 11.8451

Details

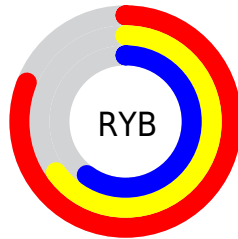
The Yxy color **41.6493, 0.3629, 0.3405** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2832, 0.2749, 0.3172**, and the grayscale version is **42.8232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9569, 0.3470, 0.3393**, and **18.9275, 0.3785, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **35.3718, 0.3905, 0.3453**, and if you desaturate by 10%, it is **48.8644, 0.3400, 0.3357**.

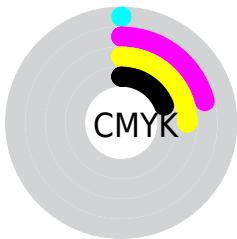
Distribution



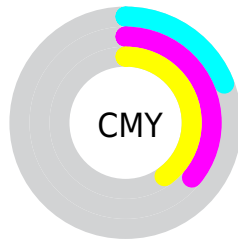
- Red (81%)
- Green (64%)
- Blue (60%)



- Red (81%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (19%)




- Cyan (19%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6493, 0.3629, 0.3405 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 41.6493, 0.3629, 0.3405 by changing the saturation by 10% instead.


 41.6493, 0.3629,
0.3405

 41.6493, 0.3629,
0.3405

353.0271, 0.3371,
0.3351

 28.8268, 0.3696,
0.3417


 77.6686, 0.3534,
0.3386

 18.9498, 0.3782,
0.3432

 101.6341, 0.3498,
0.3379

 11.6340, 0.3900,
0.3449


130.0828, 0.3469,
0.3373

 6.4950, 0.4067,
0.3471

163.3990, 0.3443,
0.3367

 3.1483, 0.4326,
0.3495

201.9672, 0.3422,
0.3363

 1.2097, 0.4855,
0.3572

246.1716, 0.3403,

 0.0696, 0.8581,

0.3358

0.1419

296.3968, 0.3386,
0.3355

0.0000, 0.0000,
0.0000

41.6493, 0.3629,
0.3405

41.6493, 0.3629,
0.3405

35.3718, 0.3905,
0.3453

48.8644, 0.3400,
0.3357

29.9877, 0.4232,
0.3499

57.0476, 0.3212,
0.3312

25.4578, 0.4610,
0.3537

66.2350, 0.3057,
0.3271

21.7377, 0.5025,
0.3559

76.4592, 0.2929,
0.3232

18.7791, 0.5449,
0.3558

87.6197, 0.2834,
0.3219

■ 16.5280, 0.5834,
0.3525

■ 91.8650, 0.2838,
0.3289

■ 14.9232, 0.6126,
0.3463

■ 14.3600, 0.6233,
0.3433

Harmonies

Analogous

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



41.6493, 0.3485, 0.3185



41.6493, 0.3629, 0.3405



41.6493, 0.3631, 0.3607

Triad

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



41.6493, 0.3629, 0.3405



41.6493, 0.2998, 0.3613



41.6493, 0.2763, 0.2860

Complementary

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



41.6493, 0.3629, 0.3405



51.2832, 0.2749, 0.3172

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.



41.6493, 0.2645, 0.2951



41.6493, 0.3629, 0.3405



41.6493, 0.2776, 0.3386

Square

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



41.6493, 0.3629, 0.3405



41.6493, 0.3260, 0.3742



41.6493, 0.2650, 0.3141



41.6493, 0.2979, 0.2879

Rectangle

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



41.6493, 0.3629, 0.3405



41.6493, 0.3553, 0.3704



41.6493, 0.2650, 0.3141



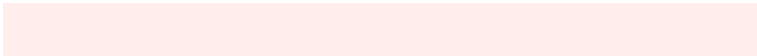
41.6493, 0.2711, 0.2879

Sweetspot

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



41.6512, 0.3629, 0.3405



88.4545, 0.3262, 0.3325



40.2902, 0.3234, 0.2764



18.4936, 0.3290, 0.3332



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.



41.6512, 0.3629, 0.3405



62.0634, 0.3764, 0.3430



51.7198, 0.3553, 0.3718



11.5214, 0.3286, 0.3331



8.9395, 0.6213, 0.3449



0.5601, 0.5860, 0.3729

Inverse Universe

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



51.2832, 0.2749, 0.3172



80.1278, 0.2677, 0.3144



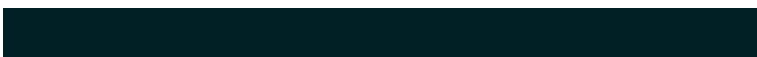
40.5890, 0.2718, 0.2821



12.3847, 0.2983, 0.3249



20.6762, 0.2093, 0.2734



1.1558, 0.2126, 0.2854

Previews

White Background



This preview shows how the Yxy color 41.6493, 0.3629, 0.3405 looks on a white background.

Color Contrast Check

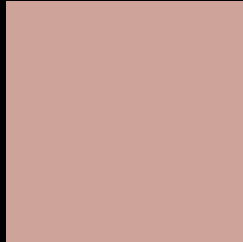
Large Text (above 18pt) WCAG AA × Fail

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 41.6493, 0.3629, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

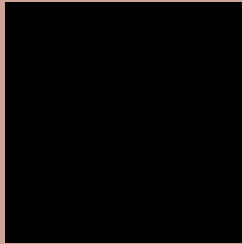
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6493, 0.3629, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 41.6493, 0.3629, 0.3405.



This preview shows how white text looks on a background with the Yxy color 41.6493, 0.3629, 0.3405.

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

41.6493, 0.3629, 0.3405

Protanopia

41.5920, 0.3302, 0.3468

Deuteranopia

41.8077, 0.3539, 0.3473



Tritanopia

41.5686, 0.3473, 0.3130

Trichromacy



Original Color

41.6493, 0.3629, 0.3405

Protanomaly

41.6291, 0.3420, 0.3450

Deuteranomaly

41.8517, 0.3571, 0.3459

Tritanomaly

41.5083, 0.3528, 0.3229

Monochromacy



Original Color

41.6493, 0.3629, 0.3405

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3549, 0.3299, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6493, 0.3629, 0.3405 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, 163, 154)` looks like.

```
.text, #text, p{  
    color:rgb(206, 163, 154)  
}
```

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, 163, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 163, 154) }
```

Border

The CSS property to change the border of an element to Yxy 41.6493, 0.3629, 0.3405 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, 163, 154) }
```

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

```
.border{ border-color:rgb(206, 163, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 163, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(206, 163,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6493, 0.3629, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 163, 154) }
```

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

```
.background{ background-color: rgb(206,  
163, 154) }
```

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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