

Converting Colors

$Yxy(41.4212, 0.3497, 0.3369)$

Have a look what the booklet for
Yxy(41.4212, 0.3497, 0.3369)
contains.

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Color

Yxy(41.4192, 0.3497, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	C6A59F
RGB	198, 165, 159
RGB Percent	78%, 65%, 62%
CMY	0.2237, 0.3529, 0.3765
CMYK	0.00, 0.17, 0.20, 0.22
HSL	9°, 25%, 70%
HSV	9°, 20%, 78%
XYZ	42.9929, 41.4192, 38.5301
YIQ	174.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

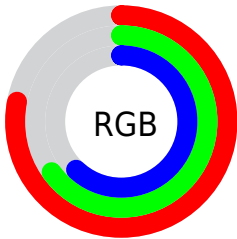
Format	Color
RYB	198, 166, 159
Decimal	13018527
CIELab	70.47, 11.11, 7.62
CIElCh	70, 13.469, 34.457
Yxy	41.4192, 0.3497, 0.3369
Android (android.graphics.Color)	4291208607 (0xFFC6A59F)
YUV	174.1830, -7.4852, 20.8875
Hunter-Lab	64.3578, 6.6172, 9.5544

Details

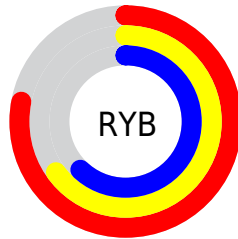
The Yxy color **41.4192, 0.3497, 0.3369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1168, 0.2831, 0.3210**, and the grayscale version is **42.4563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3014, 0.3424, 0.3351**, and **18.8223, 0.3611, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **35.1393, 0.3747, 0.3412**, and if you desaturate by 10%, it is **48.6030, 0.3291, 0.3328**.

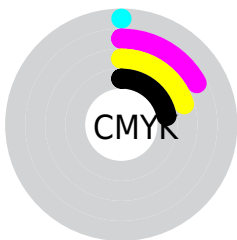
Distribution



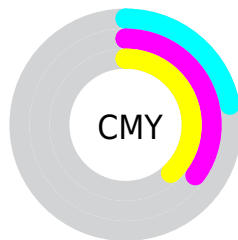
- Red (78%)
- Green (65%)
- Blue (62%)



- Red (78%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4192, 0.3497, 0.3369 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 41.4192, 0.3497, 0.3369 by changing the saturation by 10% instead.


 41.4192, 0.3497,
0.3369


 41.4192, 0.3497,
0.3369


352.0696, 0.3307,
0.3331

 28.6468, 0.3546,
0.3378


 77.3198, 0.3427,
0.3356

 18.8138, 0.3610,
0.3389


 101.2169, 0.3401,
0.3351

 11.5358, 0.3697,
0.3402


129.5909, 0.3379,
0.3346

 6.4284, 0.3822,
0.3420

162.8263, 0.3360,
0.3343

 3.1073, 0.4015,
0.3442

201.3075, 0.3344,
0.3339

 1.1880, 0.4377,
0.3485

245.4188, 0.3330,

 0.0519, 0.8607,

0.3336

0.1393

295.5447, 0.3318,
0.3334

0.0000, 0.0000,
0.0000

41.4192, 0.3497,
0.3369

41.4192, 0.3497,
0.3369

35.1393, 0.3747,
0.3412

48.6030, 0.3291,
0.3328

29.7221, 0.4048,
0.3455

56.7187, 0.3122,
0.3289

25.1313, 0.4402,
0.3493

65.8002, 0.2983,
0.3253

21.3260, 0.4804,
0.3522

75.8779, 0.2869,
0.3221

18.2618, 0.5234,
0.3532

86.7873, 0.2789,
0.3223

■ 15.8898, 0.5652,
0.3518

■ 90.7396, 0.2794,
0.3289

■ 14.1548, 0.6004,
0.3475

■ 12.9879, 0.6251,
0.3415

■ 12.9584, 0.6258,
0.3413

Harmonies

Analogous

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



41.4192, 0.3384, 0.3202



41.4192, 0.3497, 0.3369



41.4192, 0.3507, 0.3522

Triad

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



41.4192, 0.3497, 0.3369



41.4192, 0.3044, 0.3537



41.4192, 0.2845, 0.2968

Complementary

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



41.4192, 0.3497, 0.3369



49.1168, 0.2831, 0.3210

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.



41.4192, 0.2761, 0.3045



41.4192, 0.3497, 0.3369



41.4192, 0.2873, 0.3375

Square

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



41.4192, 0.3497, 0.3369



41.4192, 0.3241, 0.3628



41.4192, 0.2771, 0.3192



41.4192, 0.3005, 0.2976

Rectangle

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



41.4192, 0.3497, 0.3369



41.4192, 0.3453, 0.3596



41.4192, 0.2771, 0.3192



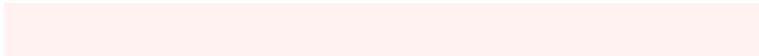
41.4192, 0.2807, 0.2985

Sweetspot

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



41.4211, 0.3497, 0.3369



91.0761, 0.3227, 0.3313



40.6073, 0.3201, 0.2876



19.2942, 0.3238, 0.3316



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.



41.4211, 0.3497, 0.3369



67.9800, 0.3608, 0.3389



48.9174, 0.3451, 0.3612



10.8972, 0.3286, 0.3326



8.5124, 0.6240, 0.3427



0.4895, 0.5886, 0.3708

Inverse Universe

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



49.1168, 0.2831, 0.3210



84.2960, 0.2764, 0.3188



41.1938, 0.2815, 0.2946



11.7775, 0.2984, 0.3253



20.8222, 0.2110, 0.2796



1.0634, 0.2142, 0.2909

Previews

White Background



This preview shows how the Yxy color 41.4192, 0.3497, 0.3369 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 41.4192, 0.3497, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

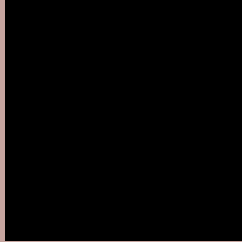
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4192, 0.3497, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 41.4192, 0.3497, 0.3369.



This preview shows how white text looks on a background with the Yxy color 41.4192, 0.3497, 0.3369.

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

41.4192, 0.3497, 0.3369

Protanopia

41.6144, 0.3258, 0.3413

Deuteranopia

41.2450, 0.3456, 0.3383



Tritanopia

41.5689, 0.3371, 0.3138

Trichromacy



Original Color

41.4192, 0.3497, 0.3369

Protanomaly

41.2989, 0.3337, 0.3384

Deuteranomaly

41.3777, 0.3466, 0.3382

Tritanomaly

41.5576, 0.3416, 0.3227

Monochromacy



Original Color

41.4192, 0.3497, 0.3369

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0577, 0.3254, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4192, 0.3497, 0.3369 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(198, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 159)  
}
```

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(198, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.4192, 0.3497, 0.3369 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(198, 165, 159) }
```

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

```
.border{ border-color:rgb(198, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4192, 0.3497, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 159) }
```

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

```
.background{ background-color: rgb(198,  
165, 159) }
```

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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