

Converting Colors

$Yxy(39.4943, 0.3553, 0.3233)$

Have a look what the booklet for
Yxy(39.4943, 0.3553, 0.3233)
contains.

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Color

Yxy(39.5245, 0.3557, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	CC9DA1
RGB	204, 157, 161
RGB Percent	80%, 62%, 63%
CMY	0.2000, 0.3843, 0.3685
CMYK	0.00, 0.23, 0.21, 0.20
HSL	355°, 32%, 71%
HSV	355°, 23%, 80%
XYZ	43.3916, 39.5245, 39.0731
YIQ	171.5090, 26.7280, 11.2080

Conversions

Conversions Part 2

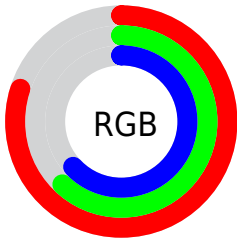
Format	Color
RYB	204, 157, 161
Decimal	13409697
CIELab	69.13, 18.06, 4.65
CIELCh	69, 18.650, 14.439
Yxy	39.5245, 0.3557, 0.3240
Android (android.graphics.Color)	4291599777 (0xFFCC9DA1)
YUV	171.5090, -5.1809, 28.4946
Hunter-Lab	62.8685, 13.1800, 7.1589

Details

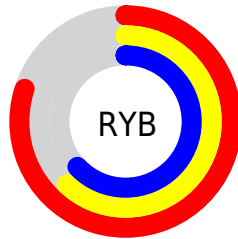
The Yxy color **39.5245, 0.3557, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5181, 0.2814, 0.3341**, and the grayscale version is **41.0120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3048, 0.3422, 0.3250**, and **17.6185, 0.3686, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **32.5802, 0.3821, 0.3217**, and if you desaturate by 10%, it is **47.7230, 0.3344, 0.3263**.

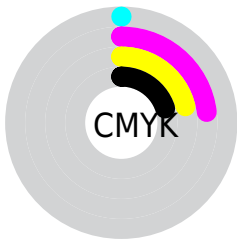
Distribution



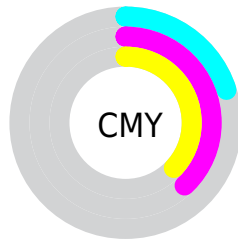
- Red (80%)
- Green (62%)
- Blue (63%)



- Red (80%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5245, 0.3557, 0.3240 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 39.5245, 0.3557, 0.3240 by changing the saturation by 10% instead.


 39.5245, 0.3557,
0.3240


 39.5245, 0.3557,
0.3240


344.1153, 0.3335,
0.3268

 27.1680, 0.3615,
0.3232


 74.4389, 0.3474,
0.3251

 17.6994, 0.3691,
0.3221


 97.7656, 0.3444,
0.3255

 10.7344, 0.3794,
0.3204


125.5178, 0.3419,
0.3258

 5.8885, 0.3944,
0.3179

158.0799, 0.3397,
0.3261

 2.7774, 0.4179,
0.3135

195.8363, 0.3378,
0.3263

 1.0167, 0.4613,
0.3056

239.1714, 0.3362,


 0.0000, 1.0000,


0.3265


0.0000


288.4696, 0.3347,
0.3267


 0.0000, 0.0000,
0.0000

 39.5245, 0.3557,
0.3240


 39.5245, 0.3557,
0.3240

 32.5802, 0.3821,
0.3217


 47.7230, 0.3344,
0.3263


 26.8231, 0.4145,
0.3196


 57.2274, 0.3172,
0.3284


 22.1884, 0.4529,
0.3179

 68.0934, 0.3034,
0.3304

 18.6026, 0.4965,
0.3170

 80.3715, 0.2923,
0.3321

 15.9839, 0.5421,
0.3174

 91.5303, 0.2831,
0.3296

■ 14.2380, 0.5843,
0.3194

■ 91.5759, 0.2827,
0.3289

■ 13.2519, 0.6165,
0.3229

■ 12.8778, 0.6314,
0.3252

Harmonies

Analogous

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



39.5245, 0.3323, 0.3029



39.5245, 0.3557, 0.3240



39.5245, 0.3671, 0.3471

Triad

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



39.5245, 0.3557, 0.3240



39.5245, 0.3192, 0.3744



39.5245, 0.2642, 0.2897

Complementary

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



39.5245, 0.3557, 0.3240



54.5181, 0.2814, 0.3341

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.



39.5245, 0.2612, 0.3071



39.5245, 0.3557, 0.3240



39.5245, 0.2921, 0.3573

Square

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



39.5245, 0.3557, 0.3240



39.5245, 0.3453, 0.3775



39.5245, 0.2712, 0.3319



39.5245, 0.2797, 0.2833

Rectangle

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



39.5245, 0.3557, 0.3240



39.5245, 0.3662, 0.3610



39.5245, 0.2712, 0.3319



39.5245, 0.2618, 0.2944

Sweetspot

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



39.5263, 0.3557, 0.3240



88.1283, 0.3237, 0.3275



40.6573, 0.3111, 0.2715



18.6552, 0.3248, 0.3274



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.



39.5263, 0.3557, 0.3240



59.0802, 0.3691, 0.3228



46.2426, 0.3545, 0.3528



11.2290, 0.3277, 0.3270



8.1122, 0.6296, 0.3242



0.4240, 0.5977, 0.3066

Inverse Universe

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



39.5263, 0.3557, 0.3240



59.0802, 0.3691, 0.3228



46.3080, 0.2770, 0.3040



11.2290, 0.3277, 0.3270



8.1122, 0.6296, 0.3242



0.4240, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 39.5245, 0.3557, 0.3240 looks on a white background.

Color Contrast Check

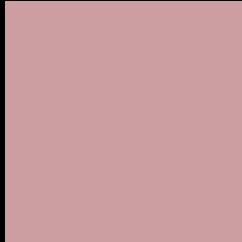
Large Text (above 18pt) WCAG AA × Fail

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 39.5245, 0.3557, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

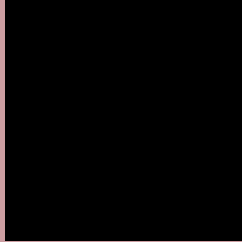
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5245, 0.3557, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 39.5245, 0.3557, 0.3240.



This preview shows how white text looks on a background with the Yxy color 39.5245, 0.3557, 0.3240.

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

39.5245, 0.3557, 0.3240

Protanopia

39.5659, 0.3173, 0.3304

Deuteranopia

39.5513, 0.3405, 0.3331



Tritanopia

39.5832, 0.3501, 0.3140

Trichromacy



Original Color

39.5245, 0.3557, 0.3240

Protanomaly

39.4579, 0.3308, 0.3277

Deuteranomaly

39.4971, 0.3458, 0.3304

Tritanomaly

39.4727, 0.3530, 0.3177

Monochromacy



Original Color

39.5245, 0.3557, 0.3240

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6549, 0.3277, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5245, 0.3557, 0.3240 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(204, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 157, 161)  
}
```

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(204, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 157, 161) }
```

Border

The CSS property to change the border of an element to Yxy 39.5245, 0.3557, 0.3240 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(204, 157, 161) }
```

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

```
.border{ border-color:rgb(204, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 157,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5245, 0.3557, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 157, 161) }
```

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

```
.background{ background-color: rgb(204,  
157, 161) }
```

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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