

# Converting Colors

$Y_{xy}(40.5649, 0.3586, 0.3275)$

Have a look what the booklet for  
Yxy(40.5649, 0.3586, 0.3275)  
contains.

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# Color

**Yxy(40.5997, 0.3592, 0.3279)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF9FA0
RGB	207, 159, 160
RGB Percent	81%, 62%, 63%
CMY	0.1882, 0.3765, 0.3726
CMYK	0.00, 0.23, 0.23, 0.19
HSL	359°, 33%, 72%
HSV	359°, 23%, 81%
XYZ	44.4752, 40.5997, 38.7424
YIQ	173.4660, 28.2870, 10.4870

# Conversions

## Conversions Part 2

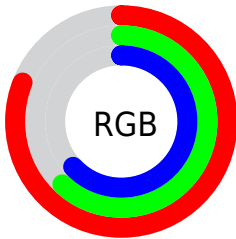
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 159, 160
Decimal	13606816
CIE Lab	69.89, 17.94, 6.37
CIE LCh	70, 19.040, 19.551
Yxy	40.5997, 0.3592, 0.3279
Android (android.graphics.Color)	4291796896 (0xFFCF9FA0)
YUV	173.4660, -6.6387, 29.4093
Hunter-Lab	63.7179, 13.0869, 8.5524

# Details

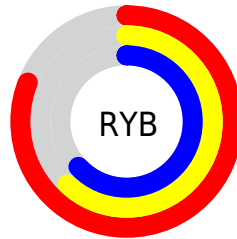
The Yxy color **40.5997, 0.3592, 0.3279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4570, 0.2793, 0.3302**, and the grayscale version is **42.0639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2594, 0.3426, 0.3281**, and **18.2949, 0.3734, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **33.4153, 0.3878, 0.3274**, and if you desaturate by 10%, it is **49.0958, 0.3362, 0.3284**.

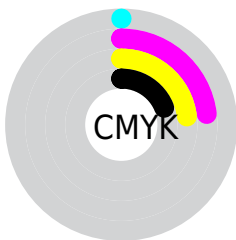
# Distribution



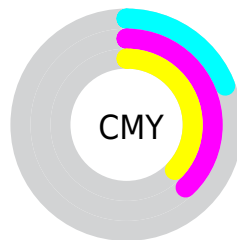
- Red (81%)
- Green (62%)
- Blue (63%)



- Red (81%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (19%)




- Cyan (19%)
- Magenta (38%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 40.5997, 0.3592, 0.3279 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 40.5997, 0.3592, 0.3279 by changing the saturation by 10% instead.




 40.5997, 0.3592,  
0.3279


 40.5997, 0.3592,  
0.3279


348.6448, 0.3352,  
0.3288

 28.0064, 0.3654,  
0.3275


 76.0759, 0.3503,  
0.3283

 18.3305, 0.3735,  
0.3270


 99.7275, 0.3470,  
0.3285

 11.1875, 0.3846,  
0.3262


127.8341, 0.3443,  
0.3286

 6.1931, 0.4004,  
0.3247

160.7800, 0.3419,  
0.3286

 2.9629, 0.4252,  
0.3219

198.9497, 0.3399,  
0.3287

 1.1124, 0.4707,  
0.3166

242.7274, 0.3382,


 0.0000, 1.0000,

0.3287


0.0000

292.4976, 0.3366,  
0.3288

 0.0000, 0.0000,  
0.0000

 40.5997, 0.3592,  
0.3279


 40.5997, 0.3592,  
0.3279


 33.4153, 0.3878,  
0.3274

 49.0958, 0.3362,  
0.3284


 27.4721, 0.4228,  
0.3270


 58.9584, 0.3178,  
0.3289


 22.7014, 0.4643,  
0.3267

 70.2460, 0.3030,  
0.3293

 19.0256, 0.5106,  
0.3267

 83.0121, 0.2912,  
0.3297

 16.3580, 0.5577,  
0.3270

 92.0061, 0.2844,  
0.3289

■ 14.5985, 0.5989,  
0.3277

■ 13.6267, 0.6271,  
0.3287

■ 13.2754, 0.6382,  
0.3289

# Harmonies

## Analogous

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



40.5997, 0.3371, 0.3059



40.5997, 0.3592, 0.3279



40.5997, 0.3682, 0.3511

# Triad

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



40.5997, 0.3592, 0.3279



40.5997, 0.3144, 0.3729



40.5997, 0.2655, 0.2873

# Complementary

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



40.5997, 0.3592, 0.3279



56.4570, 0.2793, 0.3302

# 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.



40.5997, 0.2602, 0.3031



40.5997, 0.3592, 0.3279



40.5997, 0.2877, 0.3536

# Square

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



40.5997, 0.3592, 0.3279



40.5997, 0.3416, 0.3786



40.5997, 0.2681, 0.3274



40.5997, 0.2830, 0.2829



# Rectangle

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



40.5997, 0.3592, 0.3279



40.5997, 0.3655, 0.3645



40.5997, 0.2681, 0.3274



40.5997, 0.2623, 0.2914

# Sweetspot

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



40.6016, 0.3592, 0.3279



88.0598, 0.3245, 0.3287



42.3400, 0.3140, 0.2716



18.6395, 0.3256, 0.3287



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.



40.6016, 0.3592, 0.3279



58.8802, 0.3732, 0.3277



48.9822, 0.3540, 0.3568



11.8121, 0.3287, 0.3286



8.3653, 0.6377, 0.3286



0.4691, 0.6298, 0.3243



# Inverse Universe

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



40.6016, 0.3592, 0.3279



58.8802, 0.3732, 0.3277



46.4095, 0.2764, 0.2995



11.8121, 0.3287, 0.3286



8.3653, 0.6377, 0.3286

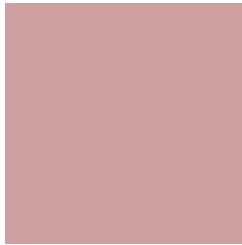


0.4691, 0.6298, 0.3243



# Previews

## White Background



This preview shows how the Yxy color 40.5997, 0.3592, 0.3279 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 40.5997, 0.3592, 0.3279 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 40.5997, 0.3592, 0.3279**

## Background



This preview shows how black text looks on a background with the Yxy color 40.5997, 0.3592, 0.3279.



This preview shows how white text looks on a background with the Yxy color 40.5997, 0.3592, 0.3279.

# 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

40.5997, 0.3592, 0.3279

### Protanopia

40.6166, 0.3207, 0.3345

### Deuteranopia

40.6199, 0.3439, 0.3370



## Tritanopia

40.4261, 0.3508, 0.3129

# Trichromacy



## Original Color

40.5997, 0.3592, 0.3279

## Protanomaly

40.5176, 0.3343, 0.3317

## Deuteranomaly

40.5679, 0.3493, 0.3343

## Tritanomaly

40.6168, 0.3545, 0.3191

# Monochromacy



## Original Color

40.5997, 0.3592, 0.3279

## Achromatopsia

41.7885, 0.3127, 0.3290

## Achromatomaly

41.1467, 0.3285, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 40.5997, 0.3592, 0.3279 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(207, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 159, 160)  
}
```

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(207, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 159, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 40.5997, 0.3592, 0.3279 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(207, 159, 160) }
```

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

```
.border{ border-color:rgb(207, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(207, 159,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 40.5997, 0.3592, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 159, 160) }
```

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

```
.background{ background-color: rgb(207,  
159, 160) }
```

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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