

Converting Colors

$Yxy(40.7494, 0.3348, 0.2954)$

Have a look what the booklet for
Yxy(40.7494, 0.3348, 0.2954)
contains.

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Color

Yxy(40.6964, 0.3354, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	CE9DB8
RGB	206, 157, 184
RGB Percent	81%, 62%, 72%
CMY	0.1922, 0.3843, 0.2784
CMYK	0.00, 0.24, 0.11, 0.19
HSL	327°, 33%, 71%
HSV	327°, 24%, 81%
XYZ	46.1602, 40.6964, 50.7707
YIQ	174.7290, 20.5370, 18.7850

Conversions

Conversions Part 2

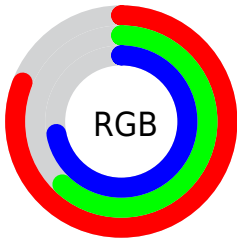
Format	Color
R _Y B	206, 157, 184
Decimal	13540792
CIE Lab	69.96, 22.49, -6.88
CIE LCh	70, 23.518, 342.996
Yxy	40.6964, 0.3354, 0.2957
Android (android.graphics.Color)	4291730872 (0xFFCE9DB8)
YUV	174.7290, 4.5706, 27.4247
Hunter-Lab	63.7937, 17.5209, -2.5308

Details

The Yxy color $40.6964, 0.3354, 0.2957$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $54.5614, 0.2950, 0.3649$, and the grayscale version is $42.6911, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.6382, 0.3250, 0.3013$, and $18.3212, 0.3419, 0.2859$ is the 20% darker color. If you saturate the color by 10%, you get $33.9300, 0.3481, 0.2811$, and if you desaturate by 10%, it is $48.6669, 0.3247, 0.3101$.

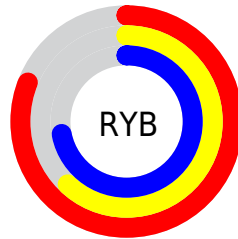
Distribution



Red (81%)

Green (62%)

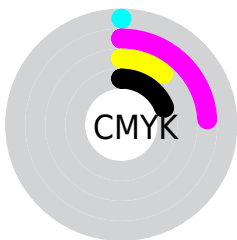
Blue (72%)



Red (81%)

Yellow (62%)

Blue (72%)

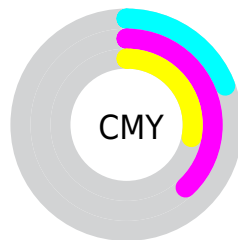


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (19%)



Cyan (19%)


Magenta (38%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6964, 0.3354, 0.2957 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 40.6964, 0.3354, 0.2957 by changing the saturation by 10% instead.


 40.6964, 0.3354,
0.2957


 40.6964, 0.3354,
0.2957


349.0501, 0.3240,
0.3123

 28.0819, 0.3383,
0.2916

 76.2228, 0.3313,
0.3017

 18.3874, 0.3419,
0.2863


 99.9035, 0.3297,
0.3040

 11.2285, 0.3468,
0.2793


128.0418, 0.3284,
0.3059

 6.2207, 0.3537,
0.2695

161.0220, 0.3273,
0.3075

 2.9798, 0.3641,
0.2551

199.2286, 0.3263,
0.3090

 1.1212, 0.3813,
0.2316

243.0458, 0.3254,


 0.0000, 0.5337,

0.3102


0.0000

292.8582, 0.3247,
0.3113


 0.0000, 0.0000,
0.0000


 40.6964, 0.3354,
0.2957


 40.6964, 0.3354,
0.2957


 33.9300, 0.3481,
0.2811

 48.6669, 0.3247,
0.3101


 28.3029, 0.3630,
0.2668


 57.8911, 0.3157,
0.3240

 23.7523, 0.3801,
0.2537

 68.4228, 0.3082,
0.3370

 20.2073, 0.3993,
0.2429

 80.3108, 0.3021,
0.3491

 17.5883, 0.4200,
0.2357

 90.3669, 0.2969,
0.3552

■ 15.8036, 0.4414,
0.2330

■ 90.9010, 0.2919,
0.3452

■ 14.7421, 0.4627,
0.2357

■ 91.4631, 0.2871,
0.3354

■ 14.3245, 0.4757,
0.2394

■ 91.8604, 0.2838,
0.3289

Harmonies

Analogous

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



40.6964, 0.3004, 0.2783



40.6964, 0.3354, 0.2957



40.6964, 0.3654, 0.3211

Triad

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



40.6964, 0.3354, 0.2957



40.6964, 0.3545, 0.3894



40.6964, 0.2493, 0.3025

Complementary

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



40.6964, 0.3354, 0.2957



54.5614, 0.2950, 0.3649

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.



40.6964, 0.2621, 0.3340



40.6964, 0.3354, 0.2957



40.6964, 0.3221, 0.3869

Square

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



40.6964, 0.3354, 0.2957



40.6964, 0.3763, 0.3747



40.6964, 0.2883, 0.3660



40.6964, 0.2522, 0.2807

Rectangle

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



40.6964, 0.3354, 0.2957



40.6964, 0.3776, 0.3401



40.6964, 0.2883, 0.3660



40.6964, 0.2518, 0.3122

Sweetspot

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



40.6982, 0.3354, 0.2957



88.6299, 0.3185, 0.3195



38.0655, 0.2905, 0.2658



18.7712, 0.3190, 0.3186



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.



40.6982, 0.3354, 0.2957



59.5915, 0.3422, 0.2875



39.7851, 0.3584, 0.3250



11.3154, 0.3205, 0.3163



8.8413, 0.4728, 0.2378



0.4713, 0.4352, 0.2171

Inverse Universe

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



40.6982, 0.3354, 0.2957



59.5915, 0.3422, 0.2875



55.6055, 0.2799, 0.3331



11.3154, 0.3205, 0.3163



8.8413, 0.4728, 0.2378



0.4713, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 40.6964, 0.3354, 0.2957 looks on a white background.

Color Contrast Check

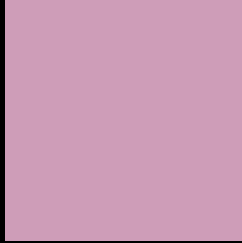
Large Text (above 18pt) WCAG AA × Fail

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 40.6964, 0.3354, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

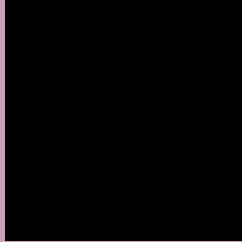
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6964, 0.3354, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 40.6964, 0.3354, 0.2957.



This preview shows how white text looks on a background with the Yxy color 40.6964, 0.3354, 0.2957.

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

40.6964, 0.3354, 0.2957

Protanopia

40.8801, 0.2932, 0.2993

Deuteranopia

40.7171, 0.3146, 0.3079



Tritanopia

40.5739, 0.3455, 0.3140

Trichromacy



Original Color

40.6964, 0.3354, 0.2957

Protanomaly

40.5295, 0.3078, 0.2975

Deuteranomaly

40.6896, 0.3214, 0.3032

Tritanomaly

40.5674, 0.3419, 0.3066

Monochromacy



Original Color

40.6964, 0.3354, 0.2957

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6587, 0.3207, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6964, 0.3354, 0.2957 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, 157, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 157, 184)  
}
```

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, 157, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 157, 184) }
```

Border

The CSS property to change the border of an element to Yxy 40.6964, 0.3354, 0.2957 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, 157, 184) }
```

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

```
.border{ border-color:rgb(206, 157, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 157, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 157, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 157, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 157,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6964, 0.3354, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 157, 184) }
```

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

```
.background{ background-color: rgb(206,  
157, 184) }
```

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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