

Converting Colors

Yxy(37.9546, 0.3467, 0.3265)

Have a look what the booklet for
Yxy(37.9546, 0.3467, 0.3265)
contains.

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Color

Yxy(37.9546, 0.3467, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C19D9F
RGB	193, 157, 159
RGB Percent	76%, 62%, 62%
CMY	0.2432, 0.3843, 0.3766
CMYK	0.00, 0.19, 0.18, 0.24
HSL	357°, 22%, 69%
HSV	357°, 19%, 76%
XYZ	40.3028, 37.9546, 37.9895
YIQ	167.9920, 20.8140, 8.2540

Conversions

Conversions Part 2

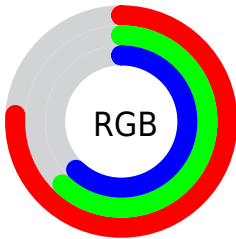
Format	Color
R _Y B	193, 157, 159
Decimal	12688799
CIE _{Lab}	67.99, 13.62, 4.01
CIE _{LCh}	68, 14.201, 16.389
Y _{xy}	37.9546, 0.3467, 0.3265
Android (android.graphics.Color)	4290878879 (0xFFC19D9F)
YUV	167.9920, -4.4331, 21.9320
Hunter-Lab	61.6073, 8.9599, 6.5646

Details

The Yxy color $37.9546, 0.3467, 0.3265$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.0666, 0.2864, 0.3316$, and the grayscale version is $39.1679, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.2660, 0.3399, 0.3270$, and $16.8797, 0.3569, 0.3255$ is the 20% darker color. If you saturate the color by 10%, you get $31.3457, 0.3715, 0.3251$, and if you desaturate by 10%, it is $45.6919, 0.3267, 0.3279$.

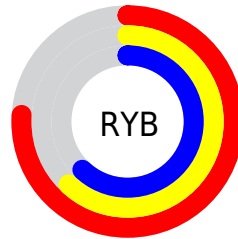
Distribution



Red (76%)

Green (62%)

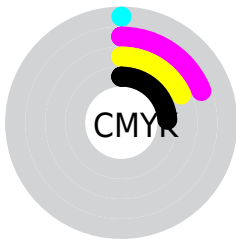
Blue (62%)



Red (76%)

Yellow (62%)

Blue (62%)

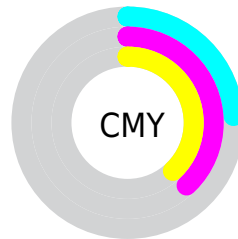


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9546, 0.3467, 0.3265 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 37.9546, 0.3467, 0.3265 by changing the saturation by 10% instead.

 37.9546, 0.3467,
0.3265


 37.9546, 0.3467,
0.3265

337.4252, 0.3290,
0.3280

 25.9475, 0.3513,
0.3261


 72.0385, 0.3401,
0.3271

 16.7843, 0.3575,
0.3254


 94.8841, 0.3377,
0.3273

 10.0808, 0.3658,
0.3245


122.1113, 0.3357,
0.3275

 5.4526, 0.3781,
0.3230

154.1045, 0.3339,
0.3276

 2.5152, 0.3976,
0.3204

191.2481, 0.3325,
0.3277

 0.8842, 0.4374,
0.3175

233.9265, 0.3312,


 0.0000, 1.0000,

0.3278

0.0000


282.5240, 0.3300,
0.3279

 0.0000, 0.0000,
0.0000


 37.9546, 0.3467,
0.3265

 37.9546, 0.3467,
0.3265

 31.3457, 0.3715,
0.3251


 45.6919, 0.3267,
0.3279


 25.8077, 0.4021,
0.3237

 54.6014, 0.3107,
0.3292


 21.2857, 0.4390,
0.3225

 64.7309, 0.2979,
0.3304

 17.7181, 0.4817,
0.3218

 76.1239, 0.2875,
0.3314

 15.0363, 0.5278,
0.3218

 88.8219, 0.2790,
0.3324

■ 13.1628, 0.5726,
0.3227

■ 90.0758, 0.2768,
0.3289

■ 12.0068, 0.6092,
0.3247

■ 11.4218, 0.6324,
0.3270

■ 11.3588, 0.6347,
0.3270

Harmonies

Analogous

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



37.9546, 0.3293, 0.3097



37.9546, 0.3467, 0.3265



37.9546, 0.3547, 0.3445

Triad

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



37.9546, 0.3467, 0.3265



37.9546, 0.3165, 0.3631



37.9546, 0.2755, 0.2980

Complementary

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



37.9546, 0.3467, 0.3265



49.0666, 0.2864, 0.3316

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.



37.9546, 0.2725, 0.3112



37.9546, 0.3467, 0.3265



37.9546, 0.2956, 0.3495

Square

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



37.9546, 0.3467, 0.3265



37.9546, 0.3369, 0.3665



37.9546, 0.2797, 0.3302



37.9546, 0.2882, 0.2934

Rectangle

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



37.9546, 0.3467, 0.3265



37.9546, 0.3536, 0.3550



37.9546, 0.2797, 0.3302



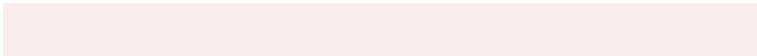
37.9546, 0.2733, 0.3016

Sweetspot

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



37.9563, 0.3467, 0.3265



85.7084, 0.3223, 0.3282



38.9911, 0.3126, 0.2830



18.1708, 0.3234, 0.3281



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9563, 0.3467, 0.3265



63.3741, 0.3553, 0.3260



43.5052, 0.3450, 0.3495



10.0866, 0.3281, 0.3278



7.5599, 0.6333, 0.3262



0.3298, 0.6094, 0.3131

Inverse Universe

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



37.9563, 0.3467, 0.3265



63.3741, 0.3553, 0.3260



42.6210, 0.2839, 0.3076



10.0866, 0.3281, 0.3278



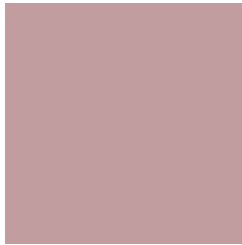
7.5599, 0.6333, 0.3262



0.3298, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 37.9546, 0.3467, 0.3265 looks on a white background.

Color Contrast Check

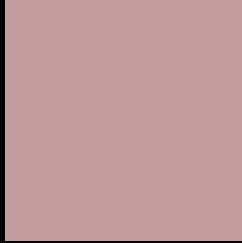
Large Text (above 18pt) WCAG AA × Fail

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 37.9546, 0.3467, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

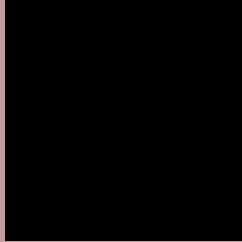
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9546, 0.3467, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 37.9546, 0.3467, 0.3265.



This preview shows how white text looks on a background with the Yxy color 37.9546, 0.3467, 0.3265.

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

37.9546, 0.3467, 0.3265

Protanopia

38.0256, 0.3173, 0.3304

Deuteranopia

37.9245, 0.3390, 0.3318



Tritanopia

38.0734, 0.3391, 0.3134

Trichromacy



Original Color

37.9546, 0.3467, 0.3265

Protanomaly

37.9143, 0.3281, 0.3290

Deuteranomaly

37.9563, 0.3422, 0.3304

Tritanomaly

37.9629, 0.3420, 0.3173

Monochromacy



Original Color

37.9546, 0.3467, 0.3265

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6146, 0.3241, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9546, 0.3467, 0.3265 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(193, 157, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 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(193, 157, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.9546, 0.3467, 0.3265 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(193, 157, 159) }
```

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

```
.border{ border-color:rgb(193, 157, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 159);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9546, 0.3467, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 159) }
```

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

```
.background{ background-color: rgb(193,  
157, 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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