

Converting Colors

$Yxy(38.2815, 0.3680, 0.3203)$

Have a look what the booklet for
Yxy(38.2815, 0.3680, 0.3203)
contains.

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Color

Yxy(38.4507, 0.3675, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	D3979E
RGB	211, 151, 158
RGB Percent	83%, 59%, 62%
CMY	0.1726, 0.4078, 0.3803
CMYK	0.00, 0.28, 0.25, 0.17
HSL	353°, 41%, 71%
HSV	353°, 28%, 83%
XYZ	44.1031, 38.4507, 37.4546
YIQ	169.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

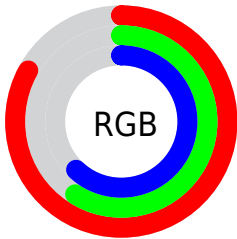
Format	Color
R _Y B	211, 151, 158
Decimal	13866910
CIE Lab	68.35, 23.51, 5.30
CIE LCh	68, 24.097, 12.703
Yxy	38.4507, 0.3675, 0.3204
Android (android.graphics.Color)	4292056990 (0xFFD3979E)
YUV	169.7380, -5.7868, 36.1868
Hunter-Lab	62.0086, 18.4415, 7.5935

Details

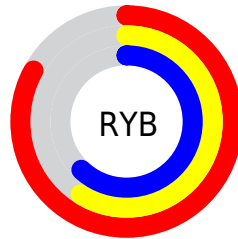
The Yxy color **38.4507, 0.3675, 0.3204** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5259, 0.2758, 0.3379**, and the grayscale version is **40.0795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2067, 0.3454, 0.3220**, and **17.1444, 0.3839, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **31.6639, 0.3960, 0.3173**, and if you desaturate by 10%, it is **46.5537, 0.3443, 0.3236**.

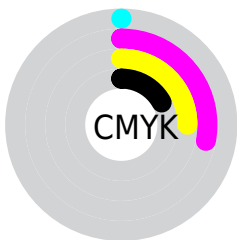
Distribution



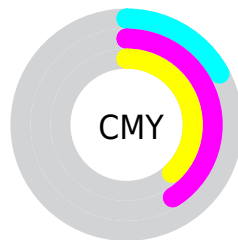
- Red (83%)
- Green (59%)
- Blue (62%)



- Red (83%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (17%)




- Cyan (17%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4507, 0.3675, 0.3204 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 38.4507, 0.3675, 0.3204 by changing the saturation by 10% instead.

 38.4507, 0.3675,
0.3204


 38.4507, 0.3675,
0.3204


339.5494, 0.3390,
0.3252

 26.3327, 0.3750,
0.3190


 72.7984, 0.3569,
0.3223

 17.0727, 0.3847,
0.3171


 95.7969, 0.3530,
0.3230

 10.2863, 0.3981,
0.3144


123.1910, 0.3497,
0.3235

 5.5892, 0.4175,
0.3102

155.3651, 0.3470,
0.3240

 2.5969, 0.4480,
0.3030

192.7036, 0.3446,
0.3244

 0.9251, 0.5080,
0.2915

235.5909, 0.3425,

 0.0000, 1.0000,

0.3247

0.0000

284.4114, 0.3407,
0.3250

■ 0.0000, 0.0000,
0.0000

■ 38.4507, 0.3675,
0.3204

■ 38.4507, 0.3675,
0.3204

■ 31.6639, 0.3960,
0.3173

■ 46.5537, 0.3443,
0.3236

■ 26.1188, 0.4305,
0.3145

■ 56.0317, 0.3256,
0.3266

■ 21.7415, 0.4706,
0.3126

■ 66.9462, 0.3106,
0.3294

■ 18.4483, 0.5147,
0.3121

■ 79.3538, 0.2985,
0.3320

■ 16.1442, 0.5587,
0.3135

■ 92.3450, 0.2886,
0.3329

■ 14.7178, 0.5968,
0.3172

■ 92.5886, 0.2866,
0.3289

■ 14.0023, 0.6237,
0.3222

■ 13.9174, 0.6270,
0.3228

Harmonies

Analogous

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



38.4507, 0.3360, 0.2941



38.4507, 0.3675, 0.3204



38.4507, 0.3836, 0.3499

Triad

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



38.4507, 0.3675, 0.3204



38.4507, 0.3227, 0.3898



38.4507, 0.2496, 0.2788

Complementary

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



38.4507, 0.3675, 0.3204



57.5259, 0.2758, 0.3379

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.



38.4507, 0.2467, 0.3015



38.4507, 0.3675, 0.3204



38.4507, 0.2875, 0.3681

Square

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



38.4507, 0.3675, 0.3204



38.4507, 0.3565, 0.3920



38.4507, 0.2601, 0.3344



38.4507, 0.2683, 0.2703

Rectangle

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



38.4507, 0.3675, 0.3204



38.4507, 0.3830, 0.3683



38.4507, 0.2601, 0.3344



38.4507, 0.2468, 0.2849

Sweetspot

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



38.4525, 0.3675, 0.3204



84.9842, 0.3267, 0.3264



39.5339, 0.3087, 0.2571



17.7075, 0.3293, 0.3260



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.



38.4525, 0.3675, 0.3204



52.6083, 0.3838, 0.3185



45.9709, 0.3673, 0.3563



11.8304, 0.3272, 0.3263



8.4072, 0.6246, 0.3215



0.4778, 0.5864, 0.3004

Inverse Universe

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



38.4525, 0.3675, 0.3204



52.6083, 0.3838, 0.3185



47.6780, 0.2687, 0.2999



11.8304, 0.3272, 0.3263



8.4072, 0.6246, 0.3215



0.4778, 0.5864, 0.3004

Previews

White Background



This preview shows how the Yxy color 38.4507, 0.3675, 0.3204 looks on a white background.

Color Contrast Check

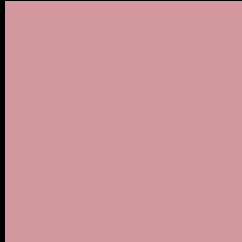
Large Text (above 18pt) WCAG AA × Fail

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 38.4507, 0.3675, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

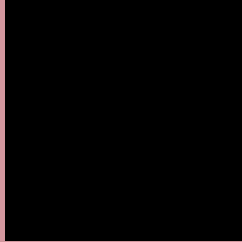
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4507, 0.3675, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 38.4507, 0.3675, 0.3204.



This preview shows how white text looks on a background with the Yxy color 38.4507, 0.3675, 0.3204.

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

38.4507, 0.3675, 0.3204

Protanopia

38.6085, 0.3156, 0.3276

Deuteranopia

38.4548, 0.3427, 0.3358



Tritanopia

38.2702, 0.3637, 0.3142

Trichromacy



Original Color

38.4507, 0.3675, 0.3204

Protanomaly

38.4844, 0.3332, 0.3250

Deuteranomaly

38.2840, 0.3517, 0.3291

Tritanomaly

38.2348, 0.3647, 0.3155

Monochromacy



Original Color

38.4507, 0.3675, 0.3204

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2618, 0.3310, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4507, 0.3675, 0.3204 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(211, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 151, 158)  
}
```

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(211, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 151, 158) }
```

Border

The CSS property to change the border of an element to Yxy 38.4507, 0.3675, 0.3204 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(211, 151, 158) }
```

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

```
.border{ border-color:rgb(211, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 151,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4507, 0.3675, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 151, 158) }
```

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

```
.background{ background-color: rgb(211,  
151, 158) }
```

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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