

Converting Colors

$Yxy(38.3854, 0.3596, 0.2931)$

Have a look what the booklet for
Yxy(38.3854, 0.3596, 0.2931)
contains.

Yxy(38.4060, 0.3594, 0.2932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.4060, 0.3594, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	DB91AF
RGB	219, 145, 175
RGB Percent	86%, 57%, 69%
CMY	0.1412, 0.4314, 0.3136
CMYK	0.00, 0.34, 0.20, 0.14
HSL	336°, 51%, 71%
HSV	336°, 34%, 86%
XYZ	47.0775, 38.4060, 45.5056
YIQ	170.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

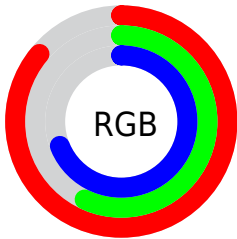
Format	Color
R _Y B	219, 145, 175
Decimal	14389679
CIE Lab	68.32, 32.16, -4.15
CIE LCh	68, 32.429, 352.641
Yxy	38.4060, 0.3594, 0.2932
Android (android.graphics.Color)	4292579759 (0xFFDB91AF)
YUV	170.5460, 2.1958, 42.4942
Hunter-Lab	61.9726, 27.1456, -0.1550

Details

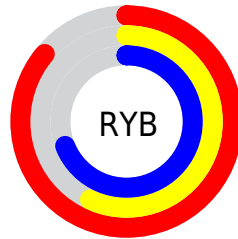
The Yxy color **38.4060, 0.3594, 0.2932** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.3522, 0.2818, 0.3683**, and the grayscale version is **40.4628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2817, 0.3334, 0.2988**, and **17.0453, 0.3736, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **31.8606, 0.3798, 0.2825**, and if you desaturate by 10%, it is **46.2942, 0.3423, 0.3042**.

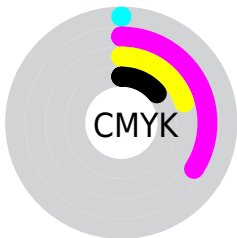
Distribution



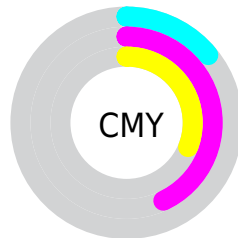
- Red (86%)
- Green (57%)
- Blue (69%)



- Red (86%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4060, 0.3594, 0.2932 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 38.4060, 0.3594, 0.2932 by changing the saturation by 10% instead.


 38.4060, 0.3594,
0.2932


 38.4060, 0.3594,
0.2932


339.3584, 0.3355,
0.3113

 26.2979, 0.3655,
0.2886


 72.7300, 0.3506,
0.2998

 17.0467, 0.3735,
0.2827


 95.7147, 0.3473,
0.3023

 10.2678, 0.3843,
0.2748


123.0938, 0.3446,
0.3044

 5.5769, 0.3997,
0.2637

155.2517, 0.3422,
0.3062

 2.5895, 0.4235,
0.2469

192.5727, 0.3402,
0.3077

 0.9214, 0.4645,
0.2190

235.4412, 0.3384,

 0.0000, 0.8739,

0.3090

0.0000

284.2416, 0.3369,
0.3102

0.0000, 0.0000,
0.0000

38.4060, 0.3594,
0.2932

38.4060, 0.3594,
0.2932

31.8606, 0.3798,
0.2825

46.2942, 0.3423,
0.3042

26.5767, 0.4037,
0.2729

55.5895, 0.3282,
0.3150

22.4729, 0.4309,
0.2655


66.3586, 0.3166,
0.3253

19.4555, 0.4606,
0.2615

78.6624, 0.3070,
0.3349


17.4164, 0.4913,
0.2621

92.5581, 0.2992,
0.3438

 16.2250, 0.5208,
0.2681

 93.6774, 0.2922,
0.3309

 15.7782, 0.5381,
0.2738

 93.7990, 0.2911,
0.3289

Harmonies

Analogous

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



38.4060, 0.3104, 0.2659



38.4060, 0.3594, 0.2932



38.4060, 0.3968, 0.3293

Triad

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



38.4060, 0.3594, 0.2932



38.4060, 0.3564, 0.4165



38.4060, 0.2246, 0.2792

Complementary

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



38.4060, 0.3594, 0.2932



60.3522, 0.2818, 0.3683

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.



38.4060, 0.2348, 0.3196



38.4060, 0.3594, 0.2932



38.4060, 0.3091, 0.4055

Square

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



38.4060, 0.3594, 0.2932



38.4060, 0.3937, 0.4004



38.4060, 0.2648, 0.3679



38.4060, 0.2354, 0.2563

Rectangle

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



38.4060, 0.3594, 0.2932



38.4060, 0.4084, 0.3551



38.4060, 0.2648, 0.3679



38.4060, 0.2256, 0.2910

Sweetspot

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



38.4078, 0.3594, 0.2932



83.8580, 0.3236, 0.3189



36.0788, 0.2885, 0.2382



17.5008, 0.3253, 0.3174



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.



38.4078, 0.3594, 0.2932



47.0615, 0.3745, 0.2850



39.2917, 0.3892, 0.3367



13.1387, 0.3228, 0.3195



9.3768, 0.5343, 0.2717



0.6243, 0.4915, 0.2481

Inverse Universe

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



38.4078, 0.3594, 0.2932



47.0615, 0.3745, 0.2850



58.6360, 0.2640, 0.3210



13.1387, 0.3228, 0.3195



9.3768, 0.5343, 0.2717



0.6243, 0.4915, 0.2481

Previews

White Background



This preview shows how the Yxy color 38.4060, 0.3594, 0.2932 looks on a white background.

Color Contrast Check

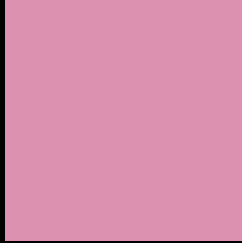
Large Text (above 18pt) WCAG AA × Fail

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 38.4060, 0.3594, 0.2932 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 38.4060, 0.3594, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 38.4060, 0.3594, 0.2932.



This preview shows how white text looks on a background with the Yxy color 38.4060, 0.3594, 0.2932.

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

38.4060, 0.3594, 0.2932

Protanopia

38.7958, 0.2928, 0.2987

Deuteranopia

38.6430, 0.3219, 0.3155



Tritanopia

38.4347, 0.3735, 0.3158

Trichromacy



Original Color

38.4060, 0.3594, 0.2932

Protanomaly

38.0630, 0.3152, 0.2959

Deuteranomaly

38.3962, 0.3353, 0.3070

Tritanomaly

38.4895, 0.3685, 0.3074

Monochromacy



Original Color

38.4060, 0.3594, 0.2932

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5106, 0.3286, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4060, 0.3594, 0.2932 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(219, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 145, 175)  
}
```

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(219, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 145, 175) }
```

Border

The CSS property to change the border of an element to Yxy 38.4060, 0.3594, 0.2932 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(219, 145, 175) }
```

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

```
.border{ border-color:rgb(219, 145, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 145,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4060, 0.3594, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 145, 175) }
```

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

```
.background{ background-color: rgb(219,  
145, 175) }
```

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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