

Converting Colors

$Y_{xy}(38.4234, 0.3294, 0.2711)$

Have a look what the booklet for
Yxy(38.4234, 0.3294, 0.2711)
contains.

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Color

Yxy(38.3629, 0.3291, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	D193C3
RGB	209, 147, 195
RGB Percent	82%, 58%, 76%
CMY	0.1805, 0.4234, 0.2353
CMYK	0.00, 0.30, 0.07, 0.18
HSL	314°, 40%, 70%
HSV	314°, 30%, 82%
XYZ	46.5704, 38.3629, 56.5750
YIQ	171.0100, 21.5440, 28.0720

Conversions

Conversions Part 2

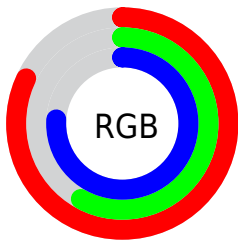
Format	Color
RYB	209, 147, 195
Decimal	13734851
CIELab	68.29, 30.87, -15.46
CIElCh	68, 34.529, 333.393
Yxy	38.3629, 0.3291, 0.2711
Android (android.graphics.Color)	4291924931 (0xFFD193C3)
YUV	171.0100, 11.8271, 33.3172
Hunter-Lab	61.9378, 25.8212, -10.8000

Details

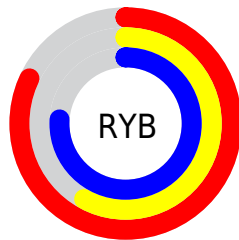
The Yxy color **38.3629, 0.3291, 0.2711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.3624, 0.2997, 0.3949**, and the grayscale version is **40.6619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5293, 0.3172, 0.2799**, and **16.9775, 0.3342, 0.2553** is the 20% darker color. If you saturate the color by 10%, you get **32.2342, 0.3362, 0.2515**, and if you desaturate by 10%, it is **45.6822, 0.3228, 0.2910**.

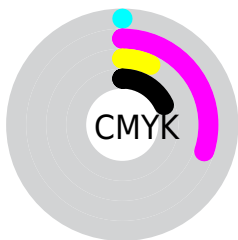
Distribution



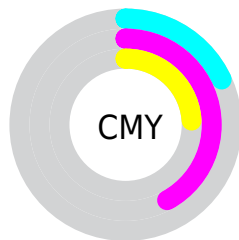
- Red (82%)
- Green (58%)
- Blue (76%)



- Red (82%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3629, 0.3291, 0.2711 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 38.3629, 0.3291, 0.2711 by changing the saturation by 10% instead.


 38.3629, 0.3291,
0.2711


 38.3629, 0.3291,
0.2711


339.1742, 0.3213,
0.2996

 26.2645, 0.3309,
0.2642


 72.6640, 0.3263,
0.2813

 17.0216, 0.3332,
0.2554


 95.6355, 0.3253,
0.2852

 10.2499, 0.3361,
0.2438


123.0001, 0.3244,
0.2885

 5.5650, 0.3400,
0.2281

155.1423, 0.3236,
0.2913

 2.5824, 0.3451,
0.2055

192.4464, 0.3229,
0.2938

 0.9178, 0.3522,
0.1707

235.2968, 0.3223,


 0.0000, 0.3960,

0.2959


0.0000


284.0779, 0.3218,
0.2979


 0.0000, 0.0000,
0.0000


 38.3629, 0.3291,
0.2711


 38.3629, 0.3291,
0.2711


 32.2342, 0.3362,
0.2515


 45.6822, 0.3228,
0.2910

 27.2270, 0.3441,
0.2332

 54.2462, 0.3173,
0.3107


 23.2729, 0.3526,
0.2171

 64.1118, 0.3126,
0.3297

 20.2939, 0.3615,
0.2042

 75.3308, 0.3085,
0.3476

 18.2012, 0.3706,
0.1954

 87.9525, 0.3051,
0.3643

■ 16.8899, 0.3795,
0.1912

■ 90.4129, 0.3025,
0.3627

■ 16.1750, 0.3880,
0.1913

■ 90.6712, 0.2999,
0.3575

■ 16.1528, 0.3884,
0.1913

■ 90.9366, 0.2973,
0.3524

■ 91.2092, 0.2947,
0.3474

Harmonies

Analogous

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



38.3629, 0.2782, 0.2512



38.3629, 0.3291, 0.2711



38.3629, 0.3791, 0.3039

Triad

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



38.3629, 0.3291, 0.2711



38.3629, 0.3865, 0.4136



38.3629, 0.2237, 0.3016

Complementary

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



38.3629, 0.3291, 0.2711



54.3624, 0.2997, 0.3949

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.



38.3629, 0.2482, 0.3521



38.3629, 0.3291, 0.2711



38.3629, 0.3414, 0.4220

Square

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



38.3629, 0.3291, 0.2711



38.3629, 0.4128, 0.3833



38.3629, 0.2907, 0.3992



38.3629, 0.2210, 0.2649

Rectangle

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



38.3629, 0.3291, 0.2711



38.3629, 0.4031, 0.3300



38.3629, 0.2907, 0.3992



38.3629, 0.2295, 0.3175

Sweetspot

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



38.3646, 0.3291, 0.2711



85.8924, 0.3170, 0.3118



32.9957, 0.2721, 0.2457



17.9308, 0.3178, 0.3089



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.



38.3646, 0.3291, 0.2711



53.4827, 0.3338, 0.2578



37.1259, 0.3597, 0.3072



11.9615, 0.3172, 0.3112



9.9785, 0.3872, 0.1907



0.5694, 0.3726, 0.1826

Inverse Universe

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



38.3646, 0.3291, 0.2711



53.4827, 0.3338, 0.2578



55.5692, 0.2807, 0.3522



11.9615, 0.3172, 0.3112



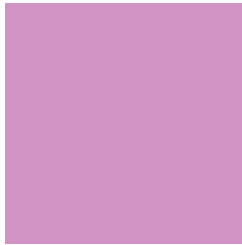
9.9785, 0.3872, 0.1907



0.5694, 0.3726, 0.1826

Previews

White Background



This preview shows how the Yxy color 38.3629, 0.3291, 0.2711 looks on a white background.

Color Contrast Check

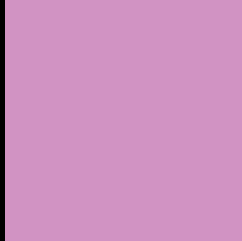
Large Text (above 18pt) WCAG AA × Fail

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 38.3629, 0.3291, 0.2711 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 38.3629, 0.3291, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 38.3629, 0.3291, 0.2711.



This preview shows how white text looks on a background with the Yxy color 38.3629, 0.3291, 0.2711.

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

38.3629, 0.3291, 0.2711

Protanopia

38.5834, 0.2727, 0.2724

Deuteranopia

38.6581, 0.2956, 0.2900



Tritanopia

38.4419, 0.3547, 0.3152

Trichromacy



Original Color

38.3629, 0.3291, 0.2711

Protanomaly

37.9956, 0.2910, 0.2703

Deuteranomaly

38.2785, 0.3074, 0.2823

Tritanomaly

38.3502, 0.3451, 0.2991

Monochromacy



Original Color

38.3629, 0.3291, 0.2711

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4502, 0.3185, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3629, 0.3291, 0.2711 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(209, 147, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 147, 195)  
}
```

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(209, 147, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 147, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.3629, 0.3291, 0.2711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

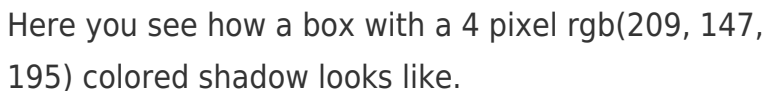
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 147, 195) }
```

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

```
.border{ border-color:rgb(209, 147, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 147, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 147, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 147, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 147,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3629, 0.3291, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 147, 195) }
```

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

```
.background{ background-color: rgb(209,  
147, 195) }
```

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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