

Converting Colors

Yxy(38.4636, 0.3062, 0.2468)

Have a look what the booklet for
Yxy(38.4636, 0.3062, 0.2468)
contains.

Yxy(38.4948, 0.3063, 0.2464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.4948, 0.3063, 0.2464)

Conversions

Conversions Part 1

Format	Color
Hex	CD92D8
RGB	205, 146, 216
RGB Percent	80%, 57%, 85%
CMY	0.1960, 0.4275, 0.1529
CMYK	0.05, 0.32, 0.00, 0.15
HSL	291°, 47%, 71%
HSV	291°, 32%, 85%
XYZ	47.8529, 38.4948, 69.8812
YIQ	171.6210, 12.6940, 34.2780

Conversions

Conversions Part 2

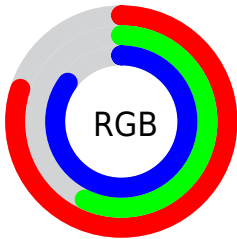
Format	Color
RYB	205, 146, 216
Decimal	13472472
CIELab	68.38, 34.04, -27.03
CIElCh	68, 43.466, 321.553
Yxy	38.4948, 0.3063, 0.2464
Android (android.graphics.Color)	4291662552 (0xFFCD92D8)
YUV	171.6210, 21.8788, 29.2734
Hunter-Lab	62.0442, 29.0947, -23.3482

Details

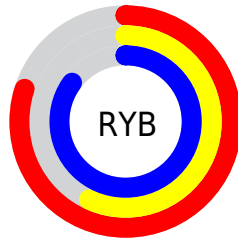
The Yxy color **38.4948, 0.3063, 0.2464** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.3614, 0.3159, 0.4224**, and the grayscale version is **40.9375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **17.0626, 0.3033, 0.2249** is the 20% darker color. If you saturate the color by 10%, you get **31.9766, 0.3034, 0.2210**, and if you desaturate by 10%, it is **46.2850, 0.3088, 0.2725**.

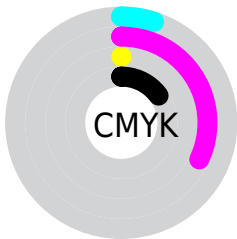
Distribution



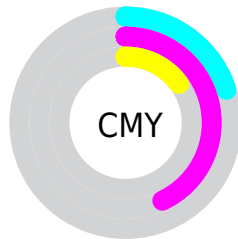
- Red (80%)
- Green (57%)
- Blue (85%)



- Red (80%)
- Yellow (57%)
- Blue (85%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)





- Cyan (20%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4948, 0.3063, 0.2464 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 38.4948, 0.3063, 0.2464 by changing the saturation by 10% instead.


 38.4948, 0.3063,
0.2464


 38.4948, 0.3063,
0.2464

339.7378, 0.3106,
0.2861

 26.3669, 0.3049,
0.2370


 72.8659, 0.3081,
0.2604

 17.0984, 0.3030,
0.2253


 95.8779, 0.3087,
0.2658

 10.3046, 0.3002,
0.2103


123.2868, 0.3092,
0.2704

 5.6014, 0.2958,
0.1904

155.4770, 0.3096,
0.2744

 2.6043, 0.2884,
0.1632

192.8327, 0.3099,
0.2779

 0.9288, 0.2745,
0.1245


235.7385, 0.3102,


 0.0000, 0.2586,


0.2810

0.0000

284.5787, 0.3104,
0.2837

 0.0000, 0.0000,
0.0000

 38.4948, 0.3063,
0.2464


 38.4948, 0.3063,
0.2464


 31.9766, 0.3034,
0.2210


 46.2850, 0.3088,
0.2725

 26.6542, 0.3001,
0.1971

 55.4077, 0.3108,
0.2983


 22.4512, 0.2964,
0.1760


 65.9256, 0.3124,
0.3232


 19.2800, 0.2924,
0.1584


 77.8958, 0.3136,
0.3467


 17.0400, 0.2883,
0.1452

 91.3725, 0.3146,
0.3687

 15.6102, 0.2842,
0.1365

 92.5468, 0.3166,
0.3694

 14.9112, 0.2811,
0.1322

 93.0991, 0.3188,
0.3691

 93.6623, 0.3209,
0.3689

 94.2365, 0.3231,
0.3686

Harmonies

Analogous

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



38.4948, 0.2484, 0.2297



38.4948, 0.3063, 0.2464



38.4948, 0.3725, 0.2803

Triad

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



38.4948, 0.3063, 0.2464



38.4948, 0.4204, 0.4198



38.4948, 0.2115, 0.3169

Complementary

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



38.4948, 0.3063, 0.2464



58.3614, 0.3159, 0.4224

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.



38.4948, 0.2503, 0.3841



38.4948, 0.3063, 0.2464



38.4948, 0.3707, 0.4463

Square

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



38.4948, 0.3063, 0.2464



38.4948, 0.4417, 0.3748



38.4948, 0.3083, 0.4356



38.4948, 0.1984, 0.2632

Rectangle

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



38.4948, 0.3063, 0.2464



38.4948, 0.4102, 0.3096



38.4948, 0.3083, 0.4356



38.4948, 0.2217, 0.3389

Sweetspot

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



38.4965, 0.3063, 0.2464



84.0435, 0.3112, 0.3041



35.4101, 0.2570, 0.2499



17.5451, 0.3109, 0.3006



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.



38.4965, 0.3063, 0.2464



49.2614, 0.3043, 0.2286



38.9941, 0.3383, 0.2738



12.5293, 0.3113, 0.3058



8.8637, 0.2817, 0.1325



0.5618, 0.2889, 0.1365

Inverse Universe

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



37.5928, 0.3753, 0.3157



47.8333, 0.3951, 0.3128



58.1059, 0.2940, 0.3917



12.4523, 0.3267, 0.3254



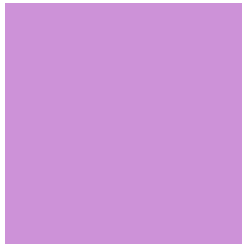
8.7195, 0.6168, 0.3171



0.5361, 0.5734, 0.2932

Previews

White Background



This preview shows how the Yxy color 38.4948, 0.3063, 0.2464 looks on a white background.

Color Contrast Check

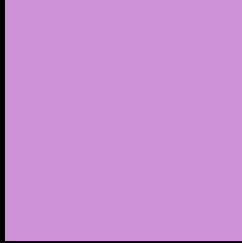
Large Text (above 18pt) WCAG AA × Fail

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 38.4948, 0.3063, 0.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

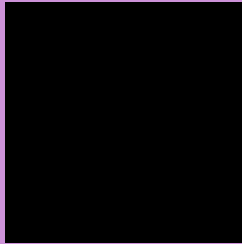
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4948, 0.3063, 0.2464

Background



This preview shows how black text looks on a background with the Yxy color 38.4948, 0.3063, 0.2464.



This preview shows how white text looks on a background with the Yxy color 38.4948, 0.3063, 0.2464.

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

38.4948, 0.3063, 0.2464

Protanopia

38.9193, 0.2510, 0.2446

Deuteranopia

38.7259, 0.2699, 0.2641



Tritanopia

38.6099, 0.3431, 0.3136

Trichromacy



Original Color

38.4948, 0.3063, 0.2464

Protanomaly

38.3250, 0.2688, 0.2442

Deuteranomaly

38.1991, 0.2824, 0.2562

Tritanomaly

38.3768, 0.3303, 0.2876

Monochromacy



Original Color

38.4948, 0.3063, 0.2464

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0156, 0.3106, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4948, 0.3063, 0.2464 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(205, 146, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 146, 216)  
}
```

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(205, 146, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 146, 216) }
```

Border

The CSS property to change the border of an element to Yxy 38.4948, 0.3063, 0.2464 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(205, 146, 216) }
```

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

```
.border{ border-color:rgb(205, 146, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 146, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 146, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 146, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 146,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4948, 0.3063, 0.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 146, 216) }
```

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

```
.background{ background-color: rgb(205,  
146, 216) }
```

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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