

Converting Colors

$Y_{xy}(38.0047, 0.3263, 0.2674)$

Have a look what the booklet for
Yxy(38.0047, 0.3263, 0.2674)
contains.

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Color

Yxy(37.9989, 0.3264, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	D092C5
RGB	208, 146, 197
RGB Percent	82%, 57%, 77%
CMY	0.1841, 0.4275, 0.2274
CMYK	0.00, 0.30, 0.05, 0.18
HSL	311°, 40%, 69%
HSV	311°, 30%, 82%
XYZ	46.3831, 37.9989, 57.7231
YIQ	170.3520, 20.5810, 29.0050

Conversions

Conversions Part 2

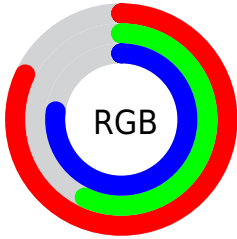
Format	Color
RYB	208, 146, 197
Decimal	13669061
CIELab	68.02, 31.50, -17.01
CIElCh	68, 35.794, 331.634
Yxy	37.9989, 0.3264, 0.2674
Android (android.graphics.Color)	4291859141 (0xFFD092C5)
YUV	170.3520, 13.1375, 33.0173
Hunter-Lab	61.6432, 26.4356, -12.3692

Details

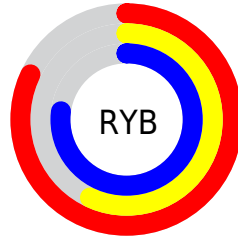
The Yxy color **37.9989, 0.3264, 0.2674** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6845, 0.3016, 0.3997**, and the grayscale version is **40.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1890, 0.3159, 0.2771**, and **16.7609, 0.3302, 0.2505** is the 20% darker color. If you saturate the color by 10%, you get **31.9930, 0.3322, 0.2469**, and if you desaturate by 10%, it is **45.1795, 0.3212, 0.2884**.

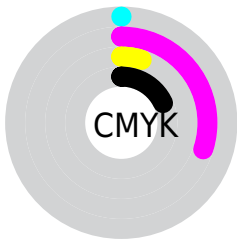
Distribution



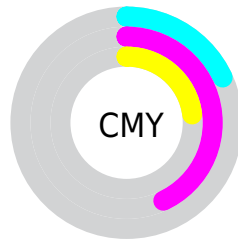
- Red (82%)
- Green (57%)
- Blue (77%)



- Red (82%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (18%)





- Cyan (18%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9989, 0.3264, 0.2674 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 37.9989, 0.3264, 0.2674 by changing the saturation by 10% instead.


 37.9989, 0.3264,
0.2674


 37.9989, 0.3264,
0.2674


337.6153, 0.3200,
0.2976

 25.9818, 0.3278,
0.2601


 72.1065, 0.3242,
0.2782

 16.8101, 0.3296,
0.2507


 94.9657, 0.3233,
0.2823

 10.0992, 0.3318,
0.2386


122.2079, 0.3226,
0.2858

 5.4648, 0.3345,
0.2220

154.2173, 0.3219,
0.2889

 2.5224, 0.3380,
0.1984

191.3783, 0.3214,
0.2915

 0.8878, 0.3420,
0.1622

234.0754, 0.3209,


 0.0000, 0.3710,


0.2938


0.0000


282.6929, 0.3204,
0.2958


 0.0000, 0.0000,
0.0000


 37.9989, 0.3264,
0.2674


 37.9989, 0.3264,
0.2674


 31.9930, 0.3322,
0.2469


 45.1795, 0.3212,
0.2884


 27.0934, 0.3385,
0.2277


 53.5885, 0.3166,
0.3092

 23.2322, 0.3452,
0.2109


 63.2820, 0.3127,
0.3293

 20.3324, 0.3521,
0.1974

 74.3116, 0.3092,
0.3484


 18.3057, 0.3590,
0.1881


 86.7258, 0.3063,
0.3662

 17.0479, 0.3657,
0.1833

 90.0647, 0.3041,
0.3672

 16.3704, 0.3721,
0.1824

 90.2620, 0.3021,
0.3631

 16.3609, 0.3722,
0.1824

 90.4637, 0.3001,
0.3591

 90.6698, 0.2981,
0.3550

Harmonies

Analogous

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



37.9989, 0.2740, 0.2477



37.9989, 0.3264, 0.2674



37.9989, 0.3790, 0.3006

Triad

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



37.9989, 0.3264, 0.2674



37.9989, 0.3915, 0.4154



37.9989, 0.2213, 0.3031

Complementary

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



37.9989, 0.3264, 0.2674



53.6845, 0.3016, 0.3997

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.



37.9989, 0.2478, 0.3562



37.9989, 0.3264, 0.2674



37.9989, 0.3453, 0.4262

Square

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



37.9989, 0.3264, 0.2674



37.9989, 0.4175, 0.3828



37.9989, 0.2926, 0.4045



37.9989, 0.2172, 0.2640

Rectangle

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



37.9989, 0.3264, 0.2674



37.9989, 0.4050, 0.3274



37.9989, 0.2926, 0.4045



37.9989, 0.2277, 0.3199

Sweetspot

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



38.0006, 0.3264, 0.2674



85.9613, 0.3163, 0.3107



32.2072, 0.2691, 0.2445



17.9478, 0.3169, 0.3077



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.



38.0006, 0.3264, 0.2674



53.7381, 0.3301, 0.2538



36.7464, 0.3568, 0.3032



11.9715, 0.3165, 0.3101



10.2034, 0.3713, 0.1819



0.5802, 0.3605, 0.1760

Inverse Universe

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



38.0006, 0.3264, 0.2674



53.7381, 0.3301, 0.2538



54.8531, 0.2824, 0.3567



11.9715, 0.3165, 0.3101



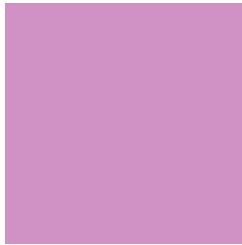
10.2034, 0.3713, 0.1819



0.5802, 0.3605, 0.1760

Previews

White Background



This preview shows how the Yxy color 37.9989, 0.3264, 0.2674 looks on a white background.

Color Contrast Check

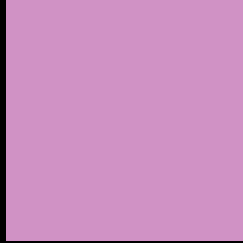
Large Text (above 18pt) WCAG AA × Fail

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 37.9989, 0.3264, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

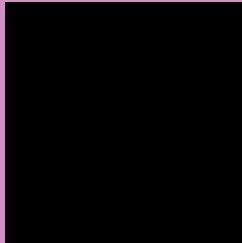
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9989, 0.3264, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 37.9989, 0.3264, 0.2674.



This preview shows how white text looks on a background with the Yxy color 37.9989, 0.3264, 0.2674.

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

37.9989, 0.3264, 0.2674

Protanopia

38.1726, 0.2689, 0.2671

Deuteranopia

38.1707, 0.2922, 0.2858



Tritanopia

37.9742, 0.3540, 0.3138

Trichromacy



Original Color

37.9989, 0.3264, 0.2674

Protanomaly

37.5204, 0.2876, 0.2663

Deuteranomaly

37.7843, 0.3039, 0.2782

Tritanomaly

37.9264, 0.3433, 0.2965

Monochromacy



Original Color

37.9989, 0.3264, 0.2674

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.9754, 0.3177, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9989, 0.3264, 0.2674 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(208, 146, 197)` looks like.

```
.text, #text, p{  
    color:rgb(208, 146, 197)  
}
```

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(208, 146, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 146, 197) }
```

Border

The CSS property to change the border of an element to Yxy 37.9989, 0.3264, 0.2674 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(208, 146, 197) }
```

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

```
.border{ border-color:rgb(208, 146, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 146, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 146, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 146, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 146,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9989, 0.3264, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 146, 197) }
```

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

```
.background{ background-color: rgb(208,  
146, 197) }
```

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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