

Converting Colors

$Y_{xy}(41.1861, 0.3242, 0.2849)$

Have a look what the booklet for
Yxy(41.1861, 0.3242, 0.2849)
contains.

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Color

Yxy(41.1861, 0.3242, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	CC9EC2
RGB	204, 158, 194
RGB Percent	80%, 62%, 76%
CMY	0.1999, 0.3804, 0.2393
CMYK	0.00, 0.23, 0.05, 0.20
HSL	313°, 31%, 71%
HSV	313°, 23%, 80%
XYZ	46.8674, 41.1861, 56.5098
YIQ	175.8580, 15.8600, 20.9480

Conversions

Conversions Part 2

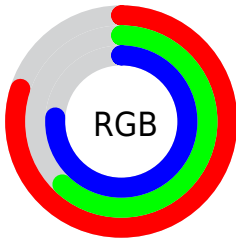
Format	Color
R_{YB}	204, 158, 194
Decimal	13409986
CIE Lab	70.31, 23.01, -11.92
CIE LCh	70, 25.912, 332.607
Yxy	41.1861, 0.3242, 0.2849
Android (android.graphics.Color)	4291600066 (0xFFCC9EC2)
YUV	175.8580, 8.9440, 24.6805
Hunter-Lab	64.1764, 18.0482, -7.2837

Details

The Yxy color $41.1861, 0.3242, 0.2849$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.2895, 0.3030, 0.3775$, and the grayscale version is $43.2857, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8135, 0.3173, 0.2918$, and $18.5911, 0.3272, 0.2730$ is the 20% darker color. If you saturate the color by 10%, you get $34.5993, 0.3305, 0.2649$, and if you desaturate by 10%, it is $48.9378, 0.3186, 0.3049$.

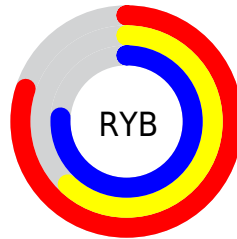
Distribution



Red (80%)

Green (62%)

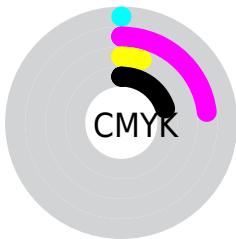
Blue (76%)



Red (80%)

Yellow (62%)

Blue (76%)

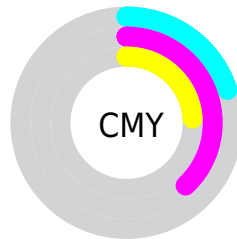


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1861, 0.3242, 0.2849 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 41.1861, 0.3242, 0.2849 by changing the saturation by 10% instead.


 41.1861, 0.3242,
0.2849


 41.1861, 0.3242,
0.2849

351.0978, 0.3187,
0.3066

 28.4645, 0.3255,
0.2796


 76.9663, 0.3223,
0.2927

 18.6761, 0.3271,
0.2728


 100.7938, 0.3215,
0.2957

 11.4365, 0.3292,
0.2640


129.0919, 0.3209,
0.2982

 6.3612, 0.3320,
0.2518

162.2453, 0.3203,
0.3003

 3.0660, 0.3358,
0.2341

200.6381, 0.3198,
0.3022

 1.1663, 0.3413,
0.2063

244.6549, 0.3194,

 0.0339, 0.3964,

0.3039

0.0226

294.6800, 0.3190,
0.3053

0.0000, 0.0000,
0.0000

41.1861, 0.3242,
0.2849

41.1861, 0.3242,
0.2849

34.5993, 0.3305,
0.2649

48.9378, 0.3186,
0.3049

29.1150, 0.3377,
0.2454

57.9020, 0.3138,
0.3242

24.6731, 0.3455,
0.2275

68.1305, 0.3097,
0.3426

21.2055, 0.3538,
0.2121

79.6701, 0.3062,
0.3598

18.6363, 0.3624,
0.2002

89.3283, 0.3034,
0.3708

■ 16.8781, 0.3711,
0.1925

■ 89.5617, 0.3009,
0.3658

■ 15.8259, 0.3795,
0.1896

■ 89.8014, 0.2985,
0.3609

■ 15.3617, 0.3856,
0.1898

■ 90.0474, 0.2961,
0.3561

■ 90.2997, 0.2937,
0.3512

Harmonies

Analogous

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



41.1861, 0.2867, 0.2700



41.1861, 0.3242, 0.2849



41.1861, 0.3605, 0.3100

Triad

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



41.1861, 0.3242, 0.2849



41.1861, 0.3685, 0.3914



41.1861, 0.2464, 0.3108

Complementary

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



41.1861, 0.3242, 0.2849



53.2895, 0.3030, 0.3775

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.



41.1861, 0.2658, 0.3472



41.1861, 0.3242, 0.2849



41.1861, 0.3357, 0.3962

Square

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



41.1861, 0.3242, 0.2849



41.1861, 0.3866, 0.3700



41.1861, 0.2981, 0.3799



41.1861, 0.2436, 0.2826

Rectangle

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



41.1861, 0.3242, 0.2849



41.1861, 0.3781, 0.3300



41.1861, 0.2981, 0.3799



41.1861, 0.2511, 0.3225

Sweetspot

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



41.1879, 0.3242, 0.2849



88.8873, 0.3159, 0.3155



37.1361, 0.2833, 0.2679



18.8309, 0.3162, 0.3143



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.



41.1879, 0.3242, 0.2849



62.7321, 0.3271, 0.2753



40.2352, 0.3457, 0.3127



11.3603, 0.3170, 0.3111



9.6818, 0.3845, 0.1892



0.5101, 0.3697, 0.1810

Inverse Universe

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



41.1879, 0.3242, 0.2849



62.7321, 0.3271, 0.2753



54.2219, 0.2878, 0.3461



11.3603, 0.3170, 0.3111



9.6818, 0.3845, 0.1892



0.5101, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 41.1861, 0.3242, 0.2849 looks on a white background.

Color Contrast Check

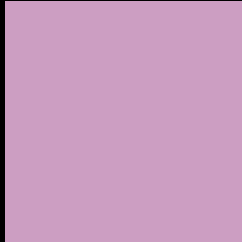
Large Text (above 18pt) WCAG AA × Fail

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 41.1861, 0.3242, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

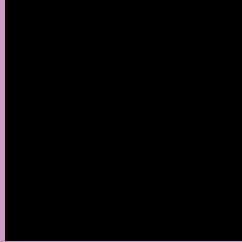
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1861, 0.3242, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 41.1861, 0.3242, 0.2849.



This preview shows how white text looks on a background with the Yxy color 41.1861, 0.3242, 0.2849.

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

41.1861, 0.3242, 0.2849

Protanopia

41.4971, 0.2840, 0.2878

Deuteranopia

41.5143, 0.3035, 0.2976



Tritanopia

41.3142, 0.3392, 0.3139

Trichromacy



Original Color

41.1861, 0.3242, 0.2849

Protanomaly

41.0993, 0.2979, 0.2862

Deuteranomaly

41.2200, 0.3108, 0.2919

Tritanomaly

41.3825, 0.3338, 0.3040

Monochromacy



Original Color

41.1861, 0.3242, 0.2849

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2339, 0.3163, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1861, 0.3242, 0.2849 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(204, 158, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 194)  
}
```

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(204, 158, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.1861, 0.3242, 0.2849 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(204, 158, 194) }
```

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

```
.border{ border-color:rgb(204, 158, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1861, 0.3242, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 194) }
```

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

```
.background{ background-color: rgb(204,  
158, 194) }
```

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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