

Converting Colors

Yxy(50.4893, 0.3240, 0.2844)

Have a look what the booklet for
Yxy(50.4893, 0.3240, 0.2844)
contains.

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Color

Yxy(50.3792, 0.3235, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	DFADD5
RGB	223, 173, 213
RGB Percent	87%, 68%, 84%
CMY	0.1254, 0.3216, 0.1648
CMYK	0.00, 0.22, 0.05, 0.13
HSL	312°, 44%, 78%
HSV	312°, 22%, 87%
XYZ	57.3862, 50.3792, 69.6262
YIQ	192.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

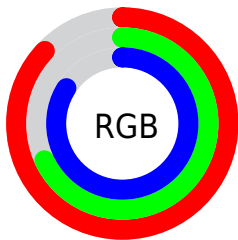
Format	Color
R _Y B	223, 173, 213
Decimal	14659029
CIE Lab	76.30, 24.75, -13.17
CIE LCh	76, 28.030, 331.985
Yxy	50.3792, 0.3235, 0.2840
Android (android.graphics.Color)	4292849109 (0xFFDFADD5)
YUV	192.5100, 10.1016, 26.7397
Hunter-Lab	70.9783, 20.1057, -8.4757

Details

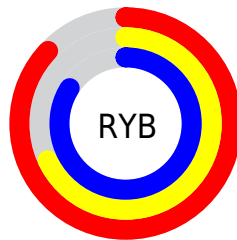
The Yxy color **50.3792, 0.3235, 0.2840** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.0926, 0.3035, 0.3786**, and the grayscale version is **52.9596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **24.1171, 0.3260, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **42.3057, 0.3295, 0.2635**, and if you desaturate by 10%, it is **59.8910, 0.3183, 0.3045**.

Distribution



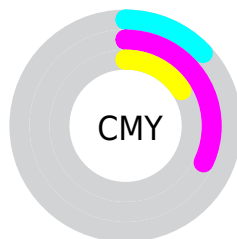
- Red (87%)
- Green (68%)
- Blue (84%)



- Red (87%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3792, 0.3235, 0.2840 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 50.3792, 0.3235, 0.2840 by changing the saturation by 10% instead.


 50.3792, 0.3235,
0.2840

 50.3792, 0.3235,
0.2840


388.1470, 0.3186,
0.3054

 35.7148, 0.3246,
0.2790


 90.7365, 0.3218,
0.2915

 24.2140, 0.3260,
0.2727


117.1981, 0.3211,
0.2944

 15.4924, 0.3277,
0.2647


148.3610, 0.3206,
0.2969

 9.1657, 0.3299,
0.2539

184.6094, 0.3200,
0.2991

 4.8494, 0.3328,
0.2390

226.3278, 0.3196,
0.3009

 2.1592, 0.3368,
0.2169

273.9006, 0.3192,

 0.6976, 0.3432,

0.3026

0.1783

327.7122, 0.3189,
0.3041

0.0000, 0.3117,
0.0000

0.0000, 0.0000,
0.0000

50.3792, 0.3235,
0.2840

50.3792, 0.3235,
0.2840

42.3057, 0.3295,
0.2635

59.8910, 0.3183,
0.3045

35.5930, 0.3361,
0.2436

70.9003, 0.3137,
0.3243

30.1665, 0.3434,
0.2253

83.4713, 0.3098,
0.3432

25.9414, 0.3511,
0.2096

92.9753, 0.3067,
0.3538

■ 22.8231, 0.3590,
0.1975

■ 93.2318, 0.3042,
0.3491

■ 20.7026, 0.3669,
0.1897

■ 93.4948, 0.3017,
0.3444

■ 19.4487, 0.3746,
0.1866

■ 93.7645, 0.2992,
0.3398

■ 18.9131, 0.3802,
0.1868

■ 94.0407, 0.2968,
0.3352

■ 94.3237, 0.2944,
0.3306

Harmonies

Analogous

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



50.3792, 0.2856, 0.2692



50.3792, 0.3235, 0.2840



50.3792, 0.3604, 0.3091

Triad

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



50.3792, 0.3235, 0.2840



50.3792, 0.3696, 0.3918



50.3792, 0.2459, 0.3112

Complementary

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



50.3792, 0.3235, 0.2840



65.0926, 0.3035, 0.3786

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.



50.3792, 0.2658, 0.3481



50.3792, 0.3235, 0.2840



50.3792, 0.3368, 0.3971

Square

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



50.3792, 0.3235, 0.2840



50.3792, 0.3876, 0.3699



50.3792, 0.2987, 0.3811



50.3792, 0.2428, 0.2826

Rectangle

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



50.3792, 0.3235, 0.2840



50.3792, 0.3785, 0.3293



50.3792, 0.2987, 0.3811



50.3792, 0.2508, 0.3231

Sweetspot

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



50.3814, 0.3235, 0.2840



88.9063, 0.3157, 0.3152



45.2846, 0.2826, 0.2678



18.8353, 0.3160, 0.3140



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.



50.3814, 0.3235, 0.2840



62.8013, 0.3263, 0.2742



49.2103, 0.3449, 0.3117



13.8859, 0.3168, 0.3105



11.1347, 0.3791, 0.1862



0.7839, 0.3685, 0.1803

Inverse Universe

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



50.3814, 0.3235, 0.2840



62.8013, 0.3263, 0.2742



66.2261, 0.2883, 0.3471



13.8859, 0.3168, 0.3105



11.1347, 0.3791, 0.1862



0.7839, 0.3685, 0.1803

Previews

White Background



This preview shows how the Yxy color 50.3792, 0.3235, 0.2840 looks on a white background.

Color Contrast Check

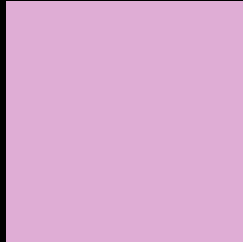
Large Text (above 18pt) WCAG AA × Fail

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 50.3792, 0.3235, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

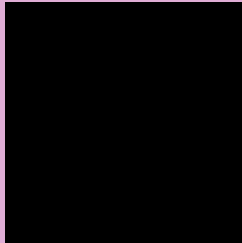
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3792, 0.3235, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 50.3792, 0.3235, 0.2840.



This preview shows how white text looks on a background with the Yxy color 50.3792, 0.3235, 0.2840.

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

50.3792, 0.3235, 0.2840

Protanopia

50.7597, 0.2835, 0.2864

Deuteranopia

50.3059, 0.3020, 0.2952



Tritanopia

50.4215, 0.3390, 0.3128

Trichromacy



Original Color

50.3792, 0.3235, 0.2840

Protanomaly

50.4407, 0.2969, 0.2850

Deuteranomaly

50.1155, 0.3095, 0.2902

Tritanomaly

50.5463, 0.3331, 0.3026

Monochromacy



Original Color

50.3792, 0.3235, 0.2840

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1253, 0.3168, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3792, 0.3235, 0.2840 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(223, 173, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 173, 213)  
}
```

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(223, 173, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 173, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.3792, 0.3235, 0.2840 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(223, 173, 213) }
```

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

```
.border{ border-color:rgb(223, 173, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 173, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 173, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 173, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 173,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3792, 0.3235, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 173, 213) }
```

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

```
.background{ background-color: rgb(223,  
173, 213) }
```

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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