

Converting Colors

$Y_{xy}(50.2295, 0.3412, 0.2986)$

Have a look what the booklet for
Yxy(50.2295, 0.3412, 0.2986)
contains.

Yxy(50.2866, 0.3408, 0.2987)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2866, 0.3408, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	E5ACC7
RGB	229, 172, 199
RGB Percent	90%, 67%, 78%
CMY	0.1019, 0.3255, 0.2198
CMYK	0.00, 0.25, 0.13, 0.10
HSL	332°, 52%, 79%
HSV	332°, 25%, 90%
XYZ	57.3742, 50.2866, 60.6907
YIQ	192.1210, 25.3050, 20.4810

Conversions

Conversions Part 2

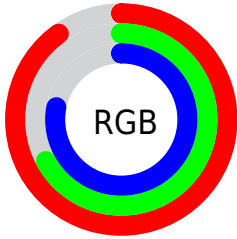
Format	Color
R _Y B	229, 172, 199
Decimal	15051975
CIE Lab	76.24, 24.96, -5.55
CIE LCh	76, 25.571, 347.459
Yxy	50.2866, 0.3408, 0.2987
Android (android.graphics.Color)	4293242055 (0xFFE5ACC7)
YUV	192.1210, 3.3913, 32.3429
Hunter-Lab	70.9130, 20.3226, -1.1040

Details

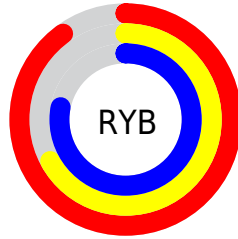
The Yxy color $50.2866, 0.3408, 0.2987$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69.0854, 0.2915, 0.3615$, and the grayscale version is $52.7562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9668, 0.3139, 0.3029$, and $24.1222, 0.3488, 0.2907$ is the 20% darker color. If you saturate the color by 10%, you get $41.7710, 0.3562, 0.2859$, and if you desaturate by 10%, it is $60.3534, 0.3279, 0.3113$.

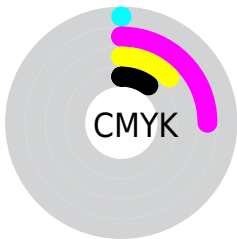
Distribution



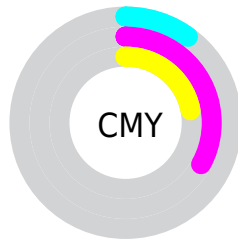
- Red (90%)
- Green (67%)
- Blue (78%)



- Red (90%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (10%)




- Cyan (10%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2866, 0.3408, 0.2987 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 50.2866, 0.3408, 0.2987 by changing the saturation by 10% instead.


 50.2866, 0.3408,
0.2987

 50.2866, 0.3408,
0.2987

387.7857, 0.3271,
0.3133

 35.6412, 0.3441,
0.2952


 90.5994, 0.3359,
0.3039

 24.1572, 0.3483,
0.2908


117.0355, 0.3340,
0.3059

 15.4503, 0.3538,
0.2851


148.1707, 0.3325,
0.3076

 9.1360, 0.3613,
0.2773

184.3892, 0.3311,
0.3090

 4.8300, 0.3722,
0.2663

226.0756, 0.3299,
0.3103

 2.1479, 0.3892,
0.2495

273.6142, 0.3289,

 0.6913, 0.4213,

0.3114

0.2171

327.3895, 0.3279,
0.3124

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2866, 0.3408,
0.2987

50.2866, 0.3408,
0.2987

41.7710, 0.3562,
0.2859

60.3534, 0.3279,
0.3113

34.7216, 0.3745,
0.2736

72.0369, 0.3172,
0.3234

29.0558, 0.3956,
0.2625

85.4074, 0.3084,
0.3347

24.6800, 0.4195,
0.2539

94.9116, 0.3012,
0.3367

■ 21.4884, 0.4453,
0.2489

■ 95.4006, 0.2970,
0.3290

■ 19.3588, 0.4719,
0.2489

■ 18.1413, 0.4978,
0.2543

■ 17.7494, 0.5105,
0.2586

Harmonies

Analogous

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



50.2866, 0.3054, 0.2796



50.2866, 0.3408, 0.2987



50.2866, 0.3695, 0.3252

Triad

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



50.2866, 0.3408, 0.2987



50.2866, 0.3506, 0.3910



50.2866, 0.2479, 0.2980

Complementary

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



50.2866, 0.3408, 0.2987



69.0854, 0.2915, 0.3615

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.



50.2866, 0.2586, 0.3289



50.2866, 0.3408, 0.2987



50.2866, 0.3169, 0.3857

Square

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



50.2866, 0.3408, 0.2987



50.2866, 0.3749, 0.3783



50.2866, 0.2834, 0.3622



50.2866, 0.2533, 0.2780

Rectangle

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



50.2866, 0.3408, 0.2987



50.2866, 0.3801, 0.3444



50.2866, 0.2834, 0.3622



50.2866, 0.2497, 0.3074

Sweetspot

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



50.2889, 0.3408, 0.2987



88.5439, 0.3194, 0.3208



47.6460, 0.2929, 0.2628



18.7513, 0.3200, 0.3201



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.



50.2889, 0.3408, 0.2987



58.1896, 0.3486, 0.2920



49.5089, 0.3649, 0.3302



14.4809, 0.3219, 0.3179



10.1706, 0.5069, 0.2566



0.7702, 0.4726, 0.2377

Inverse Universe

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



50.2889, 0.3408, 0.2987



58.1896, 0.3486, 0.2920



69.9519, 0.2761, 0.3278



14.4809, 0.3219, 0.3179



10.1706, 0.5069, 0.2566



0.7702, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 50.2866, 0.3408, 0.2987 looks on a white background.

Color Contrast Check

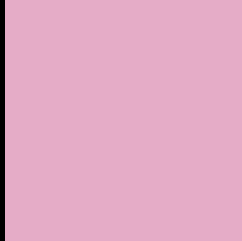
Large Text (above 18pt) WCAG AA × Fail

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 50.2866, 0.3408, 0.2987 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 50.2866, 0.3408, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 50.2866, 0.3408, 0.2987.



This preview shows how white text looks on a background with the Yxy color 50.2866, 0.3408, 0.2987.

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

50.2866, 0.3408, 0.2987

Protanopia

50.5338, 0.2963, 0.3030

Deuteranopia

50.5947, 0.3186, 0.3121



Tritanopia

50.3539, 0.3501, 0.3143

Trichromacy



Original Color

50.2866, 0.3408, 0.2987

Protanomaly

50.4202, 0.3115, 0.3014

Deuteranomaly

50.3145, 0.3258, 0.3066

Tritanomaly

50.1427, 0.3468, 0.3086

Monochromacy



Original Color

50.2866, 0.3408, 0.2987

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6172, 0.3217, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2866, 0.3408, 0.2987 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(229, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 199)  
}
```

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(229, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.2866, 0.3408, 0.2987 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(229, 172, 199) }
```

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

```
.border{ border-color:rgb(229, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(229, 172,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2866, 0.3408, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 199) }
```

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

```
.background{ background-color: rgb(229,  
172, 199) }
```

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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