

Converting Colors

$Y_{xy}(50.3225, 0.3475, 0.2995)$

Have a look what the booklet for
Yxy(50.3225, 0.3475, 0.2995)
contains.

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Color

Yxy(50.2731, 0.3473, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	EAAAC5
RGB	234, 170, 197
RGB Percent	92%, 67%, 77%
CMY	0.0825, 0.3332, 0.2276
CMYK	0.00, 0.27, 0.16, 0.08
HSL	335°, 60%, 79%
HSV	335°, 27%, 92%
XYZ	58.3746, 50.2731, 59.4335
YIQ	192.2140, 29.4770, 21.9650

Conversions

Conversions Part 2

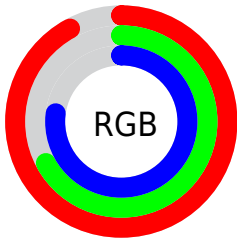
Format	Color
R _Y B	234, 170, 197
Decimal	15379141
CIE Lab	76.24, 27.44, -4.42
CIE LCh	76, 27.792, 350.844
Yxy	50.2731, 0.3473, 0.2991
Android (android.graphics.Color)	4293569221 (0xFFEAAAC5)
YUV	192.2140, 2.3595, 36.6463
Hunter-Lab	70.9035, 22.8772, -0.0662

Details

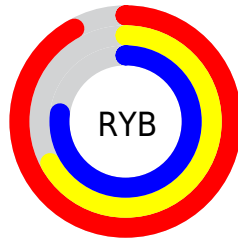
The Yxy color **50.2731, 0.3473, 0.2991** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.8836, 0.2877, 0.3611**, and the grayscale version is **52.8170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8085, 0.3147, 0.3019**, and **24.0529, 0.3566, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **41.6758, 0.3651, 0.2877**, and if you desaturate by 10%, it is **60.4918, 0.3325, 0.3105**.

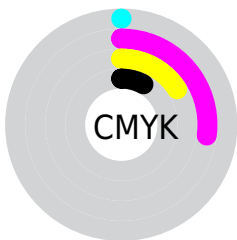
Distribution



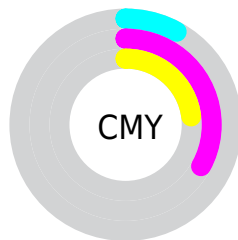
- Red (92%)
- Green (67%)
- Blue (77%)



- Red (92%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2731, 0.3473, 0.2991 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 50.2731, 0.3473, 0.2991 by changing the saturation by 10% instead.

 50.2731, 0.3473,
0.2991

 50.2731, 0.3473,
0.2991

387.7330, 0.3304,
0.3136

 35.6304, 0.3514,
0.2956


 90.5794, 0.3412,
0.3043

 24.1489, 0.3566,
0.2912


117.0118, 0.3389,
0.3062

 15.4441, 0.3635,
0.2855


148.1429, 0.3370,
0.3079

 9.1317, 0.3729,
0.2778

184.3571, 0.3353,
0.3093

 4.8272, 0.3864,
0.2668

226.0389, 0.3338,
0.3106

 2.1462, 0.4078,
0.2499

273.5725, 0.3325,

 0.6904, 0.4481,

0.3117

0.2172

327.3424, 0.3314,
0.3127

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2731, 0.3473,
0.2991

50.2731, 0.3473,
0.2991

41.6758, 0.3651,
0.2877

60.4918, 0.3325,
0.3105

34.6086, 0.3862,
0.2769

72.4031, 0.3203,
0.3214

28.9821, 0.4107,
0.2675

86.0822, 0.3102,
0.3317

24.6943, 0.4382,
0.2608

95.9801, 0.3021,
0.3328

■ 21.6298, 0.4676,
0.2581

■ 96.2275, 0.2999,
0.3290

■ 19.6532, 0.4973,
0.2605

■ 18.5867, 0.5254,
0.2683

■ 18.3808, 0.5326,
0.2708

Harmonies

Analogous

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



50.2731, 0.3090, 0.2775



50.2731, 0.3473, 0.2991



50.2731, 0.3771, 0.3282

Triad

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



50.2731, 0.3473, 0.2991



50.2731, 0.3499, 0.3970



50.2731, 0.2424, 0.2920

Complementary

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



50.2731, 0.3473, 0.2991



71.8836, 0.2877, 0.3611

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.



50.2731, 0.2519, 0.3246



50.2731, 0.3473, 0.2991



50.2731, 0.3128, 0.3890

Square

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



50.2731, 0.3473, 0.2991



50.2731, 0.3780, 0.3847



50.2731, 0.2771, 0.3613



50.2731, 0.2501, 0.2722

Rectangle

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



50.2731, 0.3473, 0.2991



50.2731, 0.3871, 0.3489



50.2731, 0.2771, 0.3613



50.2731, 0.2437, 0.3018

Sweetspot

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



50.2754, 0.3473, 0.2991



86.9309, 0.3211, 0.3206



47.8558, 0.2931, 0.2562



18.1141, 0.3228, 0.3190



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.



50.2754, 0.3473, 0.2991



54.8007, 0.3573, 0.2924



50.7733, 0.3708, 0.3340



15.1594, 0.3227, 0.3191



10.3558, 0.5287, 0.2686



0.8320, 0.4931, 0.2490

Inverse Universe

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



50.2754, 0.3473, 0.2991



54.8007, 0.3573, 0.2924



70.9185, 0.2724, 0.3239



15.1594, 0.3227, 0.3191



10.3558, 0.5287, 0.2686



0.8320, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 50.2731, 0.3473, 0.2991 looks on a white background.

Color Contrast Check

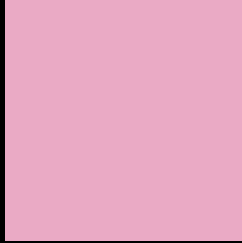
Large Text (above 18pt) WCAG AA × Fail

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 50.2731, 0.3473, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

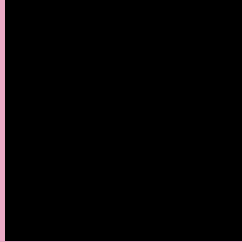
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2731, 0.3473, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 50.2731, 0.3473, 0.2991.



This preview shows how white text looks on a background with the Yxy color 50.2731, 0.3473, 0.2991.

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

50.2731, 0.3473, 0.2991

Protanopia

50.4847, 0.2970, 0.3042

Deuteranopia

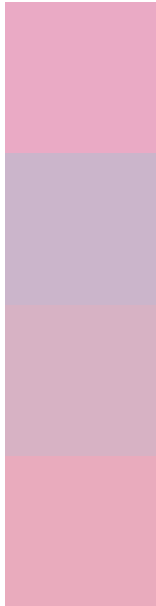
50.6445, 0.3210, 0.3145



Tritanopia

50.3315, 0.3569, 0.3145

Trichromacy



Original Color

50.2731, 0.3473, 0.2991

Protanomaly

50.0561, 0.3140, 0.3026

Deuteranomaly

50.2734, 0.3302, 0.3079

Tritanomaly

50.1236, 0.3534, 0.3089

Monochromacy



Original Color

50.2731, 0.3473, 0.2991

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4414, 0.3243, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2731, 0.3473, 0.2991 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(234, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 170, 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(234, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 170, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.2731, 0.3473, 0.2991 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(234, 170, 197) }
```

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

```
.border{ border-color:rgb(234, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 170,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2731, 0.3473, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 170, 197) }
```

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

```
.background{ background-color: rgb(234,  
170, 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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