

Converting Colors

$Y_{xy}(60.2435, 0.3206, 0.2997)$

Have a look what the booklet for
Yxy(60.2435, 0.3206, 0.2997)
contains.

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Color

Yxy(60.4620, 0.3204, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	E5C2DD
RGB	229, 194, 221
RGB Percent	90%, 76%, 87%
CMY	0.1019, 0.2392, 0.1332
CMYK	0.00, 0.15, 0.03, 0.10
HSL	314°, 40%, 83%
HSV	314°, 15%, 90%
XYZ	64.6596, 60.4620, 76.6874
YIQ	207.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

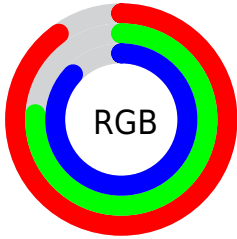
Format	Color
R _Y B	229, 194, 221
Decimal	15057629
CIE Lab	82.09, 16.95, -8.83
CIE LCh	82, 19.110, 332.493
Yxy	60.4620, 0.3204, 0.2996
Android (android.graphics.Color)	4293247709 (0xFFE5C2DD)
YUV	207.5430, 6.6343, 18.8178
Hunter-Lab	77.7573, 12.3576, -4.0441

Details

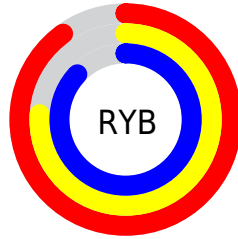
The Yxy color **60.4620, 0.3204, 0.2996** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7739, 0.3058, 0.3603**, and the grayscale version is **62.7183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.3936, 0.3219, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **50.7705, 0.3264, 0.2797**, and if you desaturate by 10%, it is **71.7381, 0.3152, 0.3191**.

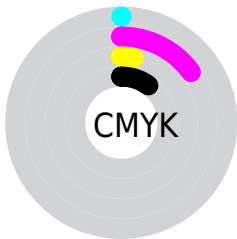
Distribution



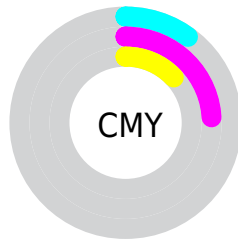
- Red (90%)
- Green (76%)
- Blue (87%)



- Red (90%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4620, 0.3204, 0.2996 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 60.4620, 0.3204, 0.2996 by changing the saturation by 10% instead.

 60.4620, 0.3204,
0.2996

 60.4620, 0.3204,
0.2996


426.2986, 0.3169,
0.3133

 43.7911, 0.3212,
0.2964

 105.4996, 0.3192,
0.3044

 30.5063, 0.3222,
0.2925


134.6350, 0.3187,
0.3062

 20.2232, 0.3234,
0.2875


168.6942, 0.3183,
0.3078

 12.5574, 0.3250,
0.2809

208.0614, 0.3179,
0.3092

 7.1245, 0.3271,
0.2719

253.1210, 0.3176,
0.3104

 3.5401, 0.3302,
0.2587


304.2575, 0.3174,

 1.4198, 0.3347,


0.3115


0.2377


361.8552, 0.3171,
0.3125


 0.2312, 0.3654,
0.1334


 0.0000, 0.0000,
0.0000


 60.4620, 0.3204,
0.2996

 60.4620, 0.3204,
0.2996


 50.7705, 0.3264,
0.2797


 71.7381, 0.3152,
0.3191


 42.5840, 0.3333,
0.2598

 84.6581, 0.3107,
0.3376

 35.8277, 0.3410,
0.2408

 94.2748, 0.3071,
0.3475

 30.4174, 0.3494,
0.2235

 94.5838, 0.3042,
0.3422

■ 26.2601, 0.3584,
0.2092

■ 94.9017, 0.3013,
0.3369

■ 23.2507, 0.3676,
0.1986

■ 95.2287, 0.2984,
0.3316

■ 21.2672, 0.3767,
0.1927

■ 95.3988, 0.2970,
0.3290

■ 20.1594, 0.3855,
0.1914

■ 19.8258, 0.3896,
0.1920

Harmonies

Analogous

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



60.4620, 0.2959, 0.2897



60.4620, 0.3204, 0.2996



60.4620, 0.3436, 0.3167

Triad

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



60.4620, 0.3204, 0.2996



60.4620, 0.3493, 0.3697



60.4620, 0.2689, 0.3179

Complementary

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



60.4620, 0.3204, 0.2996



71.7739, 0.3058, 0.3603

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.



60.4620, 0.2822, 0.3410



60.4620, 0.3204, 0.2996



60.4620, 0.3283, 0.3719

Square

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



60.4620, 0.3204, 0.2996



60.4620, 0.3606, 0.3566



60.4620, 0.3037, 0.3613



60.4620, 0.2669, 0.2992

Rectangle

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



60.4620, 0.3204, 0.2996



60.4620, 0.3549, 0.3302



60.4620, 0.3037, 0.3613



60.4620, 0.2722, 0.3255

Sweetspot

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



60.4646, 0.3204, 0.2996



91.9474, 0.3150, 0.3195



56.7401, 0.2936, 0.2888



19.4475, 0.3154, 0.3182



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.



60.4646, 0.3204, 0.2996



73.4745, 0.3220, 0.2940



59.5984, 0.3335, 0.3181



14.5561, 0.3173, 0.3110



11.3540, 0.3883, 0.1913



0.8528, 0.3765, 0.1848

Inverse Universe

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



60.4646, 0.3204, 0.2996



73.4745, 0.3220, 0.2940



72.6297, 0.2954, 0.3402



14.5561, 0.3173, 0.3110



11.3540, 0.3883, 0.1913



0.8528, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 60.4620, 0.3204, 0.2996 looks on a white background.

Color Contrast Check

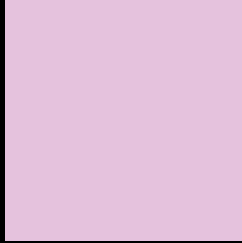
Large Text (above 18pt) WCAG AA × Fail

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 60.4620, 0.3204, 0.2996 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 60.4620, 0.3204, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 60.4620, 0.3204, 0.2996.



This preview shows how white text looks on a background with the Yxy color 60.4620, 0.3204, 0.2996.

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

60.4620, 0.3204, 0.2996

Protanopia

60.6754, 0.2947, 0.3015

Deuteranopia

60.7659, 0.3115, 0.3055



Tritanopia

60.6770, 0.3270, 0.3125

Trichromacy



Original Color

60.4620, 0.3204, 0.2996

Protanomaly

60.5937, 0.3034, 0.3008

Deuteranomaly

60.4720, 0.3147, 0.3035

Tritanomaly

60.4305, 0.3241, 0.3071

Monochromacy



Original Color

60.4620, 0.3204, 0.2996

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1149, 0.3155, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4620, 0.3204, 0.2996 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, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 194, 221)  
}
```

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, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 194, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.4620, 0.3204, 0.2996 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, 194, 221) }
```

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

```
.border{ border-color:rgb(229, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 194,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4620, 0.3204, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 194, 221) }
```

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

```
.background{ background-color: rgb(229,  
194, 221) }
```

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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