

Converting Colors

Yxy(52.7446, 0.3280, 0.2789)

Have a look what the booklet for
Yxy(52.7446, 0.3280, 0.2789)
contains.

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Color

Yxy(52.7166, 0.3279, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	EBADDC
RGB	235, 173, 220
RGB Percent	92%, 68%, 86%
CMY	0.0786, 0.3215, 0.1373
CMYK	0.00, 0.26, 0.06, 0.08
HSL	315°, 61%, 80%
HSV	315°, 26%, 92%
XYZ	62.1120, 52.7166, 74.5950
YIQ	196.8960, 21.8650, 27.7610

Conversions

Conversions Part 2

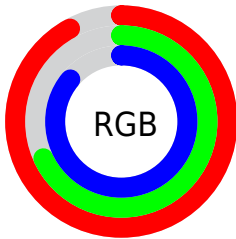
Format	Color
R _Y B	235, 173, 220
Decimal	15445468
CIE Lab	77.71, 29.98, -14.75
CIE LCh	78, 33.412, 333.809
Yxy	52.7166, 0.3279, 0.2783
Android (android.graphics.Color)	4293635548 (0xFFEBADDC)
YUV	196.8960, 11.3903, 33.4172
Hunter-Lab	72.6062, 25.6395, -10.0897

Details

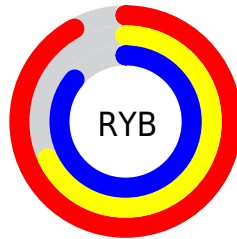
The Yxy color **52.7166, 0.3279, 0.2783** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.9166, 0.3004, 0.3857**, and the grayscale version is **55.6892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **25.6145, 0.3308, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **44.1886, 0.3353, 0.2588**, and if you desaturate by 10%, it is **62.8442, 0.3214, 0.2980**.

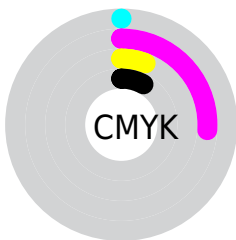
Distribution



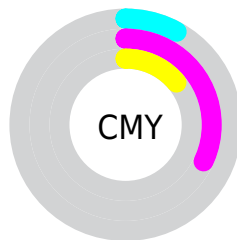
- Red (92%)
- Green (68%)
- Blue (86%)



- Red (92%)
- Yellow (68%)
- Blue (86%)



- Cyan (0%)
- Magenta (26%)
- Yellow (6%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7166, 0.3279, 0.2783 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 52.7166, 0.3279, 0.2783 by changing the saturation by 10% instead.


 52.7166, 0.3279,
0.2783

 52.7166, 0.3279,
0.2783


397.1969, 0.3210,
0.3021

 37.5766, 0.3295,
0.2728


 94.1872, 0.3255,
0.2866

 25.6542, 0.3314,
0.2660


121.2866, 0.3246,
0.2898

 16.5651, 0.3338,
0.2573


153.1412, 0.3238,
0.2926

 9.9249, 0.3369,
0.2459

190.1355, 0.3231,
0.2950

 5.3492, 0.3410,
0.2303

232.6538, 0.3224,
0.2971

 2.4536, 0.3466,
0.2077

281.0805, 0.3219,

 0.8533, 0.3546,

0.2989

335.8001, 0.3214,
0.3006

0.1723

0.0000, 0.3940,
0.0000

0.0000, 0.0000,
0.0000

52.7166, 0.3279,
0.2783

52.7166, 0.3279,
0.2783

44.1886, 0.3353,
0.2588

62.8442, 0.3214,
0.2980

37.1699, 0.3435,
0.2401

74.6414, 0.3158,
0.3172

31.5725, 0.3526,
0.2234

88.1824, 0.3111,
0.3356

27.2957, 0.3622,
0.2097

95.6310, 0.3074,
0.3412

■ 24.2262, 0.3721,
0.1998

■ 95.9794, 0.3042,
0.3355

■ 22.2312, 0.3819,
0.1946

■ 96.3385, 0.3010,
0.3299

■ 21.1445, 0.3913,
0.1943

■ 96.3967, 0.3005,
0.3290

■ 20.8752, 0.3948,
0.1948

Harmonies

Analogous

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



52.7166, 0.2833, 0.2604



52.7166, 0.3279, 0.2783



52.7166, 0.3710, 0.3077

Triad

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



52.7166, 0.3279, 0.2783



52.7166, 0.3771, 0.4034



52.7166, 0.2342, 0.3051

Complementary

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



52.7166, 0.3279, 0.2783



71.9166, 0.3004, 0.3857

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.



52.7166, 0.2559, 0.3486



52.7166, 0.3279, 0.2783



52.7166, 0.3377, 0.4092

Square

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



52.7166, 0.3279, 0.2783



52.7166, 0.3999, 0.3778



52.7166, 0.2933, 0.3889



52.7166, 0.2320, 0.2729

Rectangle

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



52.7166, 0.3279, 0.2783



52.7166, 0.3916, 0.3310



52.7166, 0.2933, 0.3889



52.7166, 0.2394, 0.3189

Sweetspot

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



52.7189, 0.3279, 0.2783



87.3540, 0.3167, 0.3140



46.5176, 0.2778, 0.2557



18.2208, 0.3175, 0.3112



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.



52.7189, 0.3279, 0.2783



57.3135, 0.3321, 0.2669



51.2506, 0.3543, 0.3107



15.2478, 0.3175, 0.3113



11.6427, 0.3933, 0.1940



0.9291, 0.3811, 0.1873

Inverse Universe

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



52.7189, 0.3279, 0.2783



57.3135, 0.3321, 0.2669



73.3706, 0.2831, 0.3483



15.2478, 0.3175, 0.3113



11.6427, 0.3933, 0.1940



0.9291, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 52.7166, 0.3279, 0.2783 looks on a white background.

Color Contrast Check

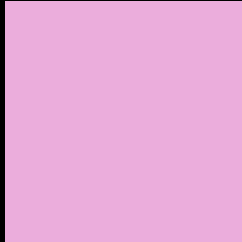
Large Text (above 18pt) WCAG AA × Fail

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 52.7166, 0.3279, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

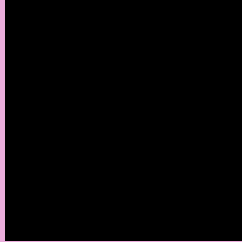
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7166, 0.3279, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 52.7166, 0.3279, 0.2783.



This preview shows how white text looks on a background with the Yxy color 52.7166, 0.3279, 0.2783.

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

52.7166, 0.3279, 0.2783

Protanopia

53.2781, 0.2786, 0.2803

Deuteranopia

52.6925, 0.3000, 0.2935



Tritanopia

52.6355, 0.3476, 0.3133

Trichromacy



Original Color

52.7166, 0.3279, 0.2783



Protanomaly

52.5789, 0.2952, 0.2783



Deuteranomaly

52.5149, 0.3097, 0.2877



Tritanomaly

52.4707, 0.3402, 0.3002

Monochromacy



Original Color

52.7166, 0.3279, 0.2783



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.2231, 0.3186, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7166, 0.3279, 0.2783 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(235, 173, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 220)  
}
```

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(235, 173, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 220) }
```

Border

The CSS property to change the border of an element to Yxy 52.7166, 0.3279, 0.2783 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(235, 173, 220) }
```

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

```
.border{ border-color:rgb(235, 173, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7166, 0.3279, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 220) }
```

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

```
.background{ background-color: rgb(235,  
173, 220) }
```

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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