

Converting Colors

$Y_{xy}(52.1026, 0.3178, 0.2712)$

Have a look what the booklet for
Yxy(52.1026, 0.3178, 0.2712)
contains.

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Color

Yxy(52.0361, 0.3180, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	E5ADE2
RGB	229, 173, 226
RGB Percent	90%, 68%, 89%
CMY	0.1018, 0.3216, 0.1138
CMYK	0.00, 0.24, 0.01, 0.10
HSL	303°, 52%, 79%
HSV	303°, 24%, 90%
XYZ	60.9933, 52.0361, 78.7734
YIQ	195.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

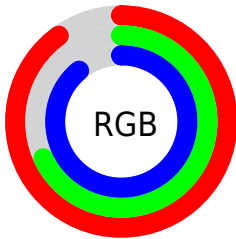
Format	Color
R _Y B	229, 173, 226
Decimal	15052258
CIE _{Lab}	77.30, 29.11, -18.68
CIE _{LCh}	77, 34.584, 327.312
Yxy	52.0361, 0.3180, 0.2713
Android (android.graphics.Color)	4293242338 (0xFFE5ADE2)
YUV	195.7860, 14.8955, 29.1287
Hunter-Lab	72.1361, 24.6892, -14.2501

Details

The Yxy color **52.0361, 0.3180, 0.2713** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.0826, 0.3076, 0.3944**, and the grayscale version is **54.9714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **25.2575, 0.3184, 0.2569** is the 20% darker color. If you saturate the color by 10%, you get **43.9269, 0.3204, 0.2478**, and if you desaturate by 10%, it is **61.6560, 0.3157, 0.2952**.

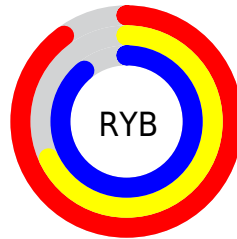
Distribution



Red (90%)

Green (68%)

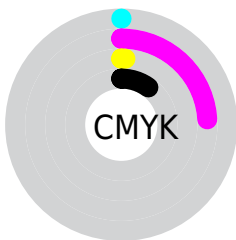
Blue (89%)



Red (90%)

Yellow (68%)

Blue (89%)

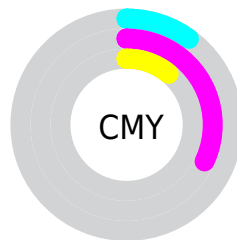


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (10%)



Cyan (10%)


Magenta (32%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0361, 0.3180, 0.2713 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 52.0361, 0.3180, 0.2713 by changing the saturation by 10% instead.


 52.0361, 0.3180,
0.2713

 52.0361, 0.3180,
0.2713


394.5760, 0.3160,
0.2982

 37.0339, 0.3184,
0.2651


 93.1845, 0.3174,
0.2807

 25.2337, 0.3187,
0.2574

120.0994, 0.3171,
0.2843

 16.2513, 0.3191,
0.2477


151.7540, 0.3169,
0.2875

 9.7021, 0.3194,
0.2350

188.5327, 0.3167,
0.2902

 5.2019, 0.3195,
0.2176

230.8198, 0.3165,
0.2926

 2.3662, 0.3188,
0.1927

278.9998, 0.3163,

 0.8084, 0.3157,

0.2947

0.1544

333.4571, 0.3161,
0.2966

0.0000, 0.3032,
0.0000

0.0000, 0.0000,
0.0000

52.0361, 0.3180,
0.2713

52.0361, 0.3180,
0.2713

43.9269, 0.3204,
0.2478

61.6560, 0.3157,
0.2952

37.2449, 0.3230,
0.2256

72.8510, 0.3136,
0.3187

31.9086, 0.3255,
0.2056

85.6903, 0.3117,
0.3414

27.8258, 0.3280,
0.1888

93.9539, 0.3104,
0.3534

24.8928, 0.3303,
0.1759

94.0247, 0.3097,
0.3521

22.9891, 0.3325,
0.1674

94.0960, 0.3090,
0.3508

21.9676, 0.3343,
0.1631

94.1677, 0.3083,
0.3495

21.6526, 0.3353,
0.1621

94.2400, 0.3075,
0.3483

94.3128, 0.3068,
0.3470

Harmonies

Analogous

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



52.0361, 0.2732, 0.2559



52.0361, 0.3180, 0.2713



52.0361, 0.3645, 0.2995

Triad

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



52.0361, 0.3180, 0.2713



52.0361, 0.3865, 0.4017



52.0361, 0.2345, 0.3132

Complementary

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



52.0361, 0.3180, 0.2713



68.0826, 0.3076, 0.3944

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.



52.0361, 0.2609, 0.3594



52.0361, 0.3180, 0.2713



52.0361, 0.3482, 0.4134

Square

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



52.0361, 0.3180, 0.2713



52.0361, 0.4053, 0.3721



52.0361, 0.3022, 0.3983



52.0361, 0.2278, 0.2764

Rectangle

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



52.0361, 0.3180, 0.2713



52.0361, 0.3888, 0.3229



52.0361, 0.3022, 0.3983



52.0361, 0.2413, 0.3282

Sweetspot

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



52.0384, 0.3180, 0.2713



89.0728, 0.3141, 0.3128



44.7479, 0.2729, 0.2601



18.8740, 0.3142, 0.3113



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.



52.0384, 0.3180, 0.2713



61.2913, 0.3191, 0.2602



50.6350, 0.3413, 0.3006



14.6010, 0.3146, 0.3071



12.3804, 0.3350, 0.1619



0.9190, 0.3328, 0.1607

Inverse Universe

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



52.0384, 0.3180, 0.2713



61.2913, 0.3191, 0.2602



69.2973, 0.2911, 0.3593



14.6010, 0.3146, 0.3071



12.3804, 0.3350, 0.1619



0.9190, 0.3328, 0.1607

Previews

White Background



This preview shows how the Yxy color 52.0361, 0.3180, 0.2713 looks on a white background.

Color Contrast Check

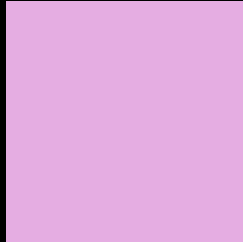
Large Text (above 18pt) WCAG AA × Fail

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 52.0361, 0.3180, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

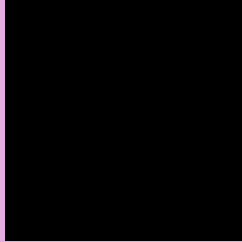
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0361, 0.3180, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 52.0361, 0.3180, 0.2713.



This preview shows how white text looks on a background with the Yxy color 52.0361, 0.3180, 0.2713.

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

52.0361, 0.3180, 0.2713

Protanopia

52.2129, 0.2725, 0.2720

Deuteranopia

52.3377, 0.2918, 0.2863



Tritanopia

52.0980, 0.3413, 0.3131

Trichromacy



Original Color

52.0361, 0.3180, 0.2713



Protanomaly

51.7559, 0.2878, 0.2712



Deuteranomaly

52.1031, 0.3012, 0.2807



Tritanomaly

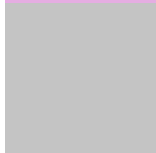
52.0208, 0.3323, 0.2975

Monochromacy



Original Color

52.0361, 0.3180, 0.2713



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.8813, 0.3146, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0361, 0.3180, 0.2713 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, 173, 226)` looks like.

```
.text, #text, p{  
    color:rgb(229, 173, 226)  
}
```

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, 173, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 173, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.0361, 0.3180, 0.2713 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, 173, 226) }
```

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

```
.border{ border-color:rgb(229, 173, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 173, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 173, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 173, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 173,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0361, 0.3180, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 173, 226) }
```

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

```
.background{ background-color: rgb(229,  
173, 226) }
```

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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