

Converting Colors

$Y_{xy}(52.1768, 0.3031, 0.2542)$

Have a look what the booklet for
Yxy(52.1768, 0.3031, 0.2542)
contains.

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Color

Yxy(52.0846, 0.3031, 0.2541)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACF2
RGB	226, 172, 242
RGB Percent	89%, 67%, 95%
CMY	0.1139, 0.3254, 0.0511
CMYK	0.07, 0.29, 0.00, 0.05
HSL	286°, 73%, 81%
HSV	286°, 29%, 95%
XYZ	62.1285, 52.0846, 90.7637
YIQ	196.1260, 9.7140, 33.2180

Conversions

Conversions Part 2

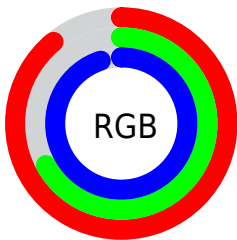
Format	Color
R _Y B	226, 172, 242
Decimal	14855410
CIE Lab	77.33, 31.64, -27.31
CIE LCh	77, 41.797, 319.201
Yxy	52.0846, 0.3031, 0.2541
Android (android.graphics.Color)	4293045490 (0xFFE2ACF2)
YUV	196.1260, 22.6159, 26.1995
Hunter-Lab	72.1697, 27.3678, -24.0469

Details

The Yxy color **52.0846, 0.3031, 0.2541** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.1685, 0.3190, 0.4107**, and the grayscale version is **55.1384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **25.2849, 0.2995, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **42.8159, 0.2986, 0.2273**, and if you desaturate by 10%, it is **63.0637, 0.3070, 0.2809**.

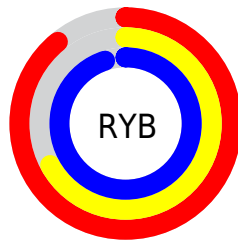
Distribution



Red (89%)

Green (67%)

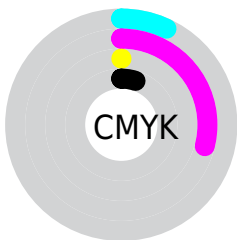
Blue (95%)



Red (89%)

Yellow (67%)

Blue (95%)

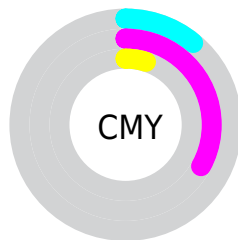


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0846, 0.3031, 0.2541 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 52.0846, 0.3031, 0.2541 by changing the saturation by 10% instead.

52.0846, 0.3031,
0.2541

52.0846, 0.3031,
0.2541

394.7631, 0.3086,
0.2886

37.0725, 0.3016,
0.2463

93.2560, 0.3052,
0.2660

25.2636, 0.2996,
0.2368

120.1841, 0.3059,
0.2706

16.2736, 0.2969,
0.2248

151.8530, 0.3066,
0.2746

9.7180, 0.2931,
0.2094

188.6471, 0.3071,
0.2781

5.2124, 0.2872,
0.1889

230.9507, 0.3075,
0.2812

2.3724, 0.2775,
0.1607

279.1483, 0.3079,

0.8116, 0.2599,

0.2839

0.1200

333.6244, 0.3083,
0.2864

0.0000, 0.2211,
0.0000

0.0000, 0.0000,
0.0000

52.0846, 0.3031,
0.2541

52.0846, 0.3031,
0.2541

42.8159, 0.2986,
0.2273

63.0637, 0.3070,
0.2809

35.1596, 0.2934,
0.2016

75.8309, 0.3103,
0.3069

29.0178, 0.2877,
0.1780

90.4673, 0.3130,
0.3316

24.2794, 0.2817,
0.1576

97.9091, 0.3160,
0.3417

■ 20.8175, 0.2755,
0.1414

■ 98.9383, 0.3194,
0.3415

■ 18.4821, 0.2692,
0.1298

■ 99.1894, 0.3203,
0.3415

■ 17.0492, 0.2632,
0.1227

■ 16.9153, 0.2626,
0.1220

Harmonies

Analogous

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



52.0846, 0.2531, 0.2407



52.0846, 0.3031, 0.2541



52.0846, 0.3606, 0.2835

Triad

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



52.0846, 0.3031, 0.2541



52.0846, 0.4099, 0.4070



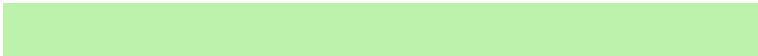
52.0846, 0.2257, 0.3237

Complementary

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



52.0846, 0.3031, 0.2541



77.1685, 0.3190, 0.4107

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.



52.0846, 0.2621, 0.3809



52.0846, 0.3031, 0.2541



52.0846, 0.3684, 0.4302

Square

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



52.0846, 0.3031, 0.2541



52.0846, 0.4252, 0.3674



52.0846, 0.3141, 0.4225



52.0846, 0.2117, 0.2751

Rectangle

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



52.0846, 0.3031, 0.2541



52.0846, 0.3941, 0.3093



52.0846, 0.3141, 0.4225



52.0846, 0.2355, 0.3428

Sweetspot

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



52.0868, 0.3031, 0.2541



85.2376, 0.3103, 0.3066



51.3003, 0.2640, 0.2650



17.7684, 0.3098, 0.3029



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.



52.0868, 0.3031, 0.2541



51.9873, 0.3004, 0.2375



53.7351, 0.3312, 0.2749



15.8382, 0.3101, 0.3055



9.1534, 0.2635, 0.1225



0.8054, 0.2714, 0.1269

Inverse Universe

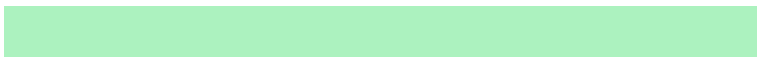
The Inverse Universe completely reimagines the original color for something new.



52.0232, 0.3621, 0.3116



51.9953, 0.3771, 0.3077



76.0119, 0.2983, 0.3901



15.8182, 0.3257, 0.3236



10.3087, 0.5992, 0.3075



0.8723, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 52.0846, 0.3031, 0.2541 looks on a white background.

Color Contrast Check

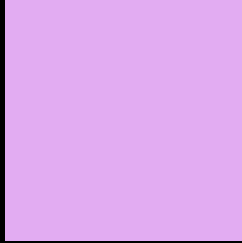
Large Text (above 18pt) WCAG AA × Fail

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 52.0846, 0.3031, 0.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

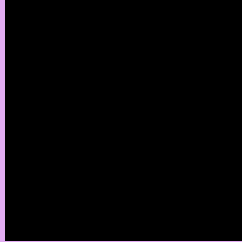
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0846, 0.3031, 0.2541

Background



This preview shows how black text looks on a background with the Yxy color 52.0846, 0.3031, 0.2541.



This preview shows how white text looks on a background with the Yxy color 52.0846, 0.3031, 0.2541.

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

52.0846, 0.3031, 0.2541

Protanopia

52.4352, 0.2578, 0.2535

Deuteranopia

52.0869, 0.2745, 0.2680



Tritanopia

52.0479, 0.3341, 0.3128

Trichromacy



Original Color

52.0846, 0.3031, 0.2541



Protanomaly

51.9756, 0.2722, 0.2530



Deuteranomaly

52.0265, 0.2845, 0.2630



Tritanomaly

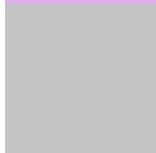
52.1239, 0.3230, 0.2906

Monochromacy



Original Color

52.0846, 0.3031, 0.2541



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.6101, 0.3093, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0846, 0.3031, 0.2541 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(226, 172, 242)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 242)  
}
```

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(226, 172, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 242) }
```

Border

The CSS property to change the border of an element to Yxy 52.0846, 0.3031, 0.2541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

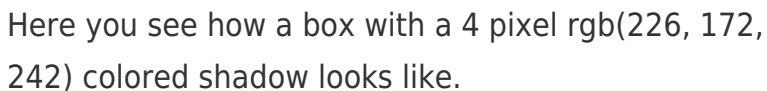
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 172, 242) }
```

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

```
.border{ border-color:rgb(226, 172, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 172, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 172, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 172, 242); box-shadow:4px 4px 4px 4px rgb(226, 172, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0846, 0.3031, 0.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 242) }
```

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

```
.background{ background-color: rgb(226,  
172, 242) }
```

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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