

Converting Colors

$Yxy(51.9931, 0.3050, 0.2617)$

Have a look what the booklet for
Yxy(51.9931, 0.3050, 0.2617)
contains.

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Color

Yxy(52.0162, 0.3052, 0.2615)

Conversions

Conversions Part 1

Format	Color
Hex	DFAEEC
RGB	223, 174, 236
RGB Percent	87%, 68%, 93%
CMY	0.1254, 0.3176, 0.0745
CMYK	0.06, 0.26, 0.00, 0.07
HSL	287°, 62%, 80%
HSV	287°, 26%, 93%
XYZ	60.7088, 52.0162, 86.1897
YIQ	195.7190, 9.3020, 29.6700

Conversions

Conversions Part 2

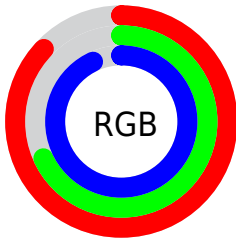
Format	Color
R _Y B	223, 174, 236
Decimal	14659308
CIE Lab	77.29, 28.49, -24.16
CIE LCh	77, 37.355, 319.693
Yxy	52.0162, 0.3052, 0.2615
Android (android.graphics.Color)	4292849388 (0xFFDFAEEC)
YUV	195.7190, 19.8585, 23.9254
Hunter-Lab	72.1223, 24.0381, -20.3690

Details

The Yxy color **52.0162, 0.3052, 0.2615** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.6045, 0.3178, 0.4024**, and the grayscale version is **54.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **25.1855, 0.3022, 0.2455** is the 20% darker color. If you saturate the color by 10%, you get **42.9134, 0.3013, 0.2349**, and if you desaturate by 10%, it is **62.7481, 0.3085, 0.2880**.

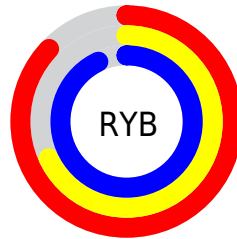
Distribution



Red (87%)

Green (68%)

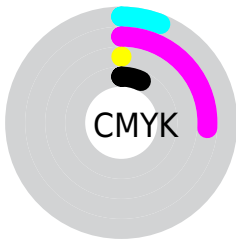
Blue (93%)



Red (87%)

Yellow (68%)

Blue (93%)

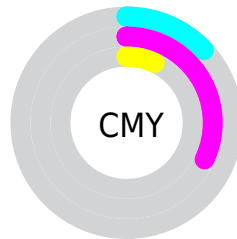


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (13%)


Magenta (32%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0162, 0.3052, 0.2615 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 52.0162, 0.3052, 0.2615 by changing the saturation by 10% instead.


 52.0162, 0.3052,
0.2615

 52.0162, 0.3052,
0.2615


394.4991, 0.3095,
0.2928

 37.0180, 0.3040,
0.2544


 93.1551, 0.3069,
0.2724

 25.2214, 0.3024,
0.2456


120.0646, 0.3075,
0.2766

 16.2421, 0.3002,
0.2345


151.7134, 0.3080,
0.2802

 9.6956, 0.2971,
0.2201

188.4857, 0.3084,
0.2834

 5.1976, 0.2922,
0.2008

230.7661, 0.3087,
0.2862

 2.3637, 0.2841,
0.1736

278.9388, 0.3090,

 0.8071, 0.2687,

0.2886

0.1333

333.3884, 0.3093,
0.2908

0.0000, 0.2241,
0.0000

0.0000, 0.0000,
0.0000

52.0162, 0.3052,
0.2615

52.0162, 0.3052,
0.2615

42.9134, 0.3013,
0.2349

62.7481, 0.3085,
0.2880

35.3492, 0.2968,
0.2091

75.1804, 0.3113,
0.3136

29.2339, 0.2918,
0.1852

89.3881, 0.3135,
0.3379

24.4664, 0.2865,
0.1642

96.5907, 0.3161,
0.3478

■ 20.9317, 0.2809,
0.1473

■ 97.4807, 0.3192,
0.3476

■ 18.4959, 0.2752,
0.1348

■ 98.3945, 0.3223,
0.3474

■ 16.9917, 0.2696,
0.1270

■ 98.8356, 0.3238,
0.3473

■ 16.5670, 0.2676,
0.1248

Harmonies

Analogous

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



52.0162, 0.2598, 0.2492



52.0162, 0.3052, 0.2615



52.0162, 0.3565, 0.2885

Triad

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



52.0162, 0.3052, 0.2615



52.0162, 0.3997, 0.4002



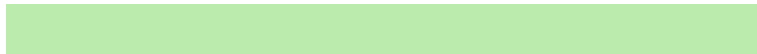
52.0162, 0.2339, 0.3239

Complementary

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



52.0162, 0.3052, 0.2615



73.6045, 0.3178, 0.4024

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.



52.0162, 0.2669, 0.3743



52.0162, 0.3052, 0.2615



52.0162, 0.3625, 0.4196

Square

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



52.0162, 0.3052, 0.2615



52.0162, 0.4134, 0.3651



52.0162, 0.3137, 0.4114



52.0162, 0.2214, 0.2805

Rectangle

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



52.0162, 0.3052, 0.2615



52.0162, 0.3860, 0.3123



52.0162, 0.3137, 0.4114



52.0162, 0.2428, 0.3408

Sweetspot

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



52.0184, 0.3052, 0.2615



86.8667, 0.3108, 0.3092



50.7794, 0.2688, 0.2705



18.0971, 0.3104, 0.3053



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.



52.0184, 0.3052, 0.2615



55.4230, 0.3030, 0.2459



53.1888, 0.3300, 0.2811



15.1453, 0.3104, 0.3055



9.1903, 0.2685, 0.1253



0.7615, 0.2761, 0.1295

Inverse Universe

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



51.6915, 0.3573, 0.3147



55.0398, 0.3711, 0.3113



72.7713, 0.2990, 0.3823



15.1056, 0.3260, 0.3241



9.9692, 0.6046, 0.3104



0.7965, 0.5668, 0.2896

Previews

White Background



This preview shows how the Yxy color 52.0162, 0.3052, 0.2615 looks on a white background.

Color Contrast Check

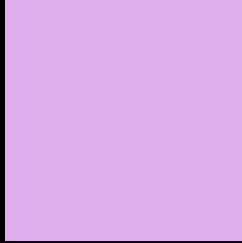
Large Text (above 18pt) WCAG AA × Fail

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 52.0162, 0.3052, 0.2615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

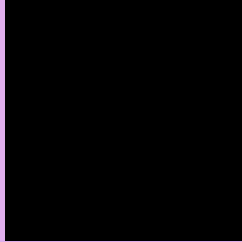
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0162, 0.3052, 0.2615

Background



This preview shows how black text looks on a background with the Yxy color 52.0162, 0.3052, 0.2615.



This preview shows how white text looks on a background with the Yxy color 52.0162, 0.3052, 0.2615.

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

52.0162, 0.3052, 0.2615

Protanopia

52.3407, 0.2637, 0.2610

Deuteranopia

52.1152, 0.2806, 0.2748



Tritanopia

52.1931, 0.3314, 0.3128

Trichromacy



Original Color

52.0162, 0.3052, 0.2615



Protanomaly

52.0895, 0.2775, 0.2613



Deuteranomaly

51.8139, 0.2893, 0.2693



Tritanomaly

52.0034, 0.3212, 0.2926

Monochromacy



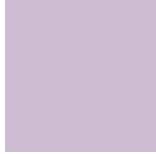
Original Color

52.0162, 0.3052, 0.2615



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.7914, 0.3099, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0162, 0.3052, 0.2615 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(223, 174, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 174, 236)  
}
```

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(223, 174, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 174, 236) }
```

Border

The CSS property to change the border of an element to Yxy 52.0162, 0.3052, 0.2615 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(223, 174, 236) }
```

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

```
.border{ border-color:rgb(223, 174, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 174, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 174, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 174, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 174,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0162, 0.3052, 0.2615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 174, 236) }
```

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

```
.background{ background-color: rgb(223,  
174, 236) }
```

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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