

Converting Colors

$Y_{xy}(52.7029, 0.3205, 0.2871)$

Have a look what the booklet for
Yxy(52.7029, 0.3205, 0.2871)
contains.

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Color

Yxy(52.8860, 0.3205, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	DFB3D8
RGB	223, 179, 216
RGB Percent	87%, 70%, 85%
CMY	0.1257, 0.2980, 0.1529
CMYK	0.00, 0.20, 0.03, 0.13
HSL	310°, 41%, 79%
HSV	310°, 20%, 87%
XYZ	58.9359, 52.8860, 72.0654
YIQ	196.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

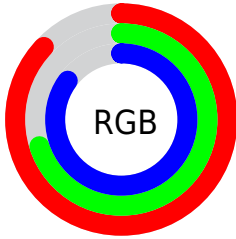
Format	Color
R_{YB}	223, 179, 216
Decimal	14660568
CIE _{Lab}	77.81, 22.02, -12.56
CIE _{LCh}	78, 25.353, 330.308
Yxy	52.8860, 0.3205, 0.2876
Android (android.graphics.Color)	4292850648 (0xFFDFB3D8)
YUV	196.3740, 9.6756, 23.3510
Hunter-Lab	72.7228, 17.3949, -7.8482

Details

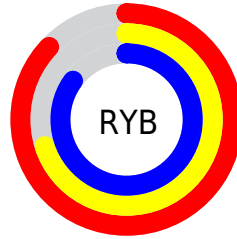
The Yxy color **52.8860, 0.3205, 0.2876** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.8836, 0.3058, 0.3743**, and the grayscale version is **55.3719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.7104, 0.3220, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **44.4799, 0.3253, 0.2661**, and if you desaturate by 10%, it is **62.7456, 0.3163, 0.3090**.

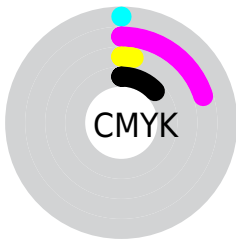
Distribution



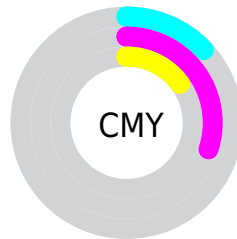
- Red (87%)
- Green (70%)
- Blue (85%)



- Red (87%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8860, 0.3205, 0.2876 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 52.8860, 0.3205, 0.2876 by changing the saturation by 10% instead.


 52.8860, 0.3205,
0.2876

 52.8860, 0.3205,
0.2876

397.8476, 0.3170,
0.3072

 37.7118, 0.3213,
0.2830


 94.4366, 0.3193,
0.2945

 25.7591, 0.3222,
0.2773


121.5818, 0.3188,
0.2971

 16.6435, 0.3234,
0.2700


153.4860, 0.3184,
0.2994

 9.9806, 0.3248,
0.2603

190.5338, 0.3181,
0.3014

 5.3861, 0.3267,
0.2469

233.1094, 0.3178,
0.3031

 2.4755, 0.3291,
0.2270

281.5973, 0.3175,

 0.8644, 0.3321,

0.3046

0.1950

336.3819, 0.3172,
0.3060

0.0000, 0.3334,
0.0000

0.0000, 0.0000,
0.0000

52.8860, 0.3205,
0.2876

52.8860, 0.3205,
0.2876

44.4799, 0.3253,
0.2661

62.7456, 0.3163,
0.3090

37.4511, 0.3305,
0.2451

74.1165, 0.3126,
0.3296

31.7267, 0.3362,
0.2255

87.0617, 0.3094,
0.3492

27.2247, 0.3422,
0.2084

92.9215, 0.3071,
0.3546

■ 23.8534, 0.3484,
0.1947

■ 93.1221, 0.3051,
0.3509

■ 21.5084, 0.3545,
0.1851

■ 93.3267, 0.3032,
0.3472

■ 20.0659, 0.3604,
0.1801

■ 93.5355, 0.3012,
0.3435

■ 19.3153, 0.3659,
0.1791

■ 93.7483, 0.2993,
0.3399

■ 19.2966, 0.3661,
0.1791

■ 93.9652, 0.2973,
0.3363

Harmonies

Analogous

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



52.8860, 0.2869, 0.2750



52.8860, 0.3205, 0.2876



52.8860, 0.3535, 0.3099

Triad

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



52.8860, 0.3205, 0.2876



52.8860, 0.3649, 0.3843



52.8860, 0.2535, 0.3152

Complementary

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



52.8860, 0.3205, 0.2876



65.8836, 0.3058, 0.3743

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.



52.8860, 0.2723, 0.3479



52.8860, 0.3205, 0.2876



52.8860, 0.3362, 0.3896

Square

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



52.8860, 0.3205, 0.2876



52.8860, 0.3797, 0.3645



52.8860, 0.3023, 0.3762



52.8860, 0.2498, 0.2889

Rectangle

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



52.8860, 0.3205, 0.2876



52.8860, 0.3700, 0.3280



52.8860, 0.3023, 0.3762



52.8860, 0.2582, 0.3259

Sweetspot

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



52.8883, 0.3205, 0.2876



90.4686, 0.3149, 0.3166



47.9654, 0.2850, 0.2757



19.1518, 0.3151, 0.3152



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.



52.8883, 0.3205, 0.2876



66.3659, 0.3226, 0.2780



51.8436, 0.3383, 0.3114



13.8964, 0.3162, 0.3095



11.3649, 0.3653, 0.1786



0.7979, 0.3574, 0.1742

Inverse Universe

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



52.8883, 0.3205, 0.2876



66.3659, 0.3226, 0.2780



66.8726, 0.2925, 0.3473



13.8964, 0.3162, 0.3095



11.3649, 0.3653, 0.1786



0.7979, 0.3574, 0.1742

Previews

White Background



This preview shows how the Yxy color 52.8860, 0.3205, 0.2876 looks on a white background.

Color Contrast Check

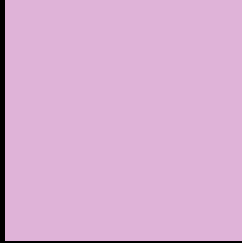
Large Text (above 18pt) WCAG AA × Fail

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 52.8860, 0.3205, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

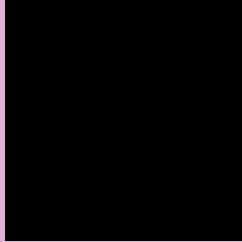
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8860, 0.3205, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 52.8860, 0.3205, 0.2876.



This preview shows how white text looks on a background with the Yxy color 52.8860, 0.3205, 0.2876.

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

52.8860, 0.3205, 0.2876

Protanopia

53.2082, 0.2861, 0.2895

Deuteranopia

52.8132, 0.3037, 0.2971



Tritanopia

52.7028, 0.3332, 0.3118

Trichromacy



Original Color

52.8860, 0.3205, 0.2876

Protanomaly

53.0405, 0.2979, 0.2891

Deuteranomaly

52.7426, 0.3095, 0.2931

Tritanomaly

52.7795, 0.3284, 0.3028

Monochromacy



Original Color

52.8860, 0.3205, 0.2876

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2605, 0.3159, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8860, 0.3205, 0.2876 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, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 216)  
}
```

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, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 216) }
```

Border

The CSS property to change the border of an element to Yxy 52.8860, 0.3205, 0.2876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

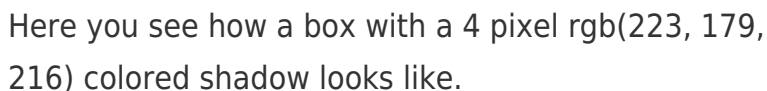
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 179, 216) }
```

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

```
.border{ border-color:rgb(223, 179, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8860, 0.3205, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 179, 216) }
```

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

```
.background{ background-color: rgb(223,  
179, 216) }
```

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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