

Converting Colors

$Yxy(52.7554, 0.3297, 0.3081)$

Have a look what the booklet for
Yxy(52.7554, 0.3297, 0.3081)
contains.

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Color

Yxy(52.6861, 0.3298, 0.3083)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBB6C8 |
| RGB | 219, 182, 200 |
| RGB Percent | 86%, 71%, 78% |
| CMY | 0.1413, 0.2862, 0.2157 |
| CMYK | 0.00, 0.17, 0.09, 0.14 |
| HSL | 331°, 34%, 79% |
| HSV | 331°, 17%, 86% |
| XYZ | 56.3603, 52.6861, 61.8459 |
| YIQ | 195.1150, 16.2740, 13.4420 |

Conversions

Conversions Part 2

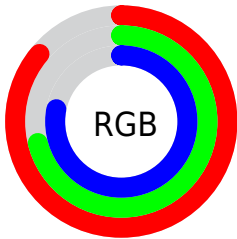
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 182, 200 |
| Decimal | 14399176 |
| CIE Lab | 77.69, 16.23, -4.10 |
| CIE LCh | 78, 16.740, 345.824 |
| Yxy | 52.6861, 0.3298, 0.3083 |
| Android (android.graphics.Color) | 4292589256 (0xFFDDBB6C8) |
| YUV | 195.1150, 2.4083, 20.9471 |
| Hunter-Lab | 72.5852, 11.5760, 0.2918 |

Details

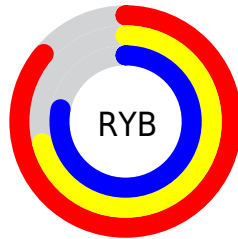
The Yxy color $52.6861, 0.3298, 0.3083$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.8105, 0.2985, 0.3507$, and the grayscale version is $54.6234, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $25.6683, 0.3348, 0.3032$ is the 20% darker color. If you saturate the color by 10%, you get $43.9026, 0.3428, 0.2953$, and if you desaturate by 10%, it is $62.9153, 0.3190, 0.3208$.

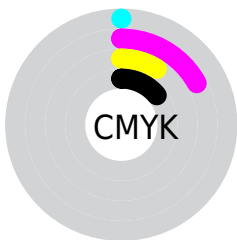
Distribution



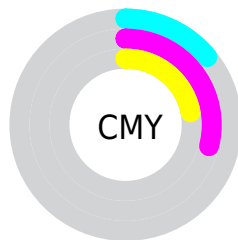
- Red (86%)
- Green (71%)
- Blue (78%)



- Red (86%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (14%)




- Cyan (14%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6861, 0.3298, 0.3083 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 52.6861, 0.3298, 0.3083 by changing the saturation by 10% instead.


 52.6861, 0.3298,
0.3083

 52.6861, 0.3298,
0.3083


397.0796, 0.3215,
0.3183

 37.5522, 0.3318,
0.3059


 94.1423, 0.3268,
0.3119

 25.6354, 0.3343,
0.3029


121.2334, 0.3257,
0.3132

 16.5510, 0.3376,
0.2990


153.0791, 0.3248,
0.3144

 9.9149, 0.3421,
0.2937

190.0638, 0.3239,
0.3154

 5.3426, 0.3486,
0.2862

232.5717, 0.3232,
0.3162

 2.4496, 0.3586,
0.2746

280.9875, 0.3226,

 0.8513, 0.3765,

0.3170

0.2543

335.6953, 0.3220,
0.3177

0.0000, 0.9498,
0.0000

0.0000, 0.0000,
0.0000

52.6861, 0.3298,
0.3083

52.6861, 0.3298,
0.3083

43.9026, 0.3428,
0.2953

62.9153, 0.3190,
0.3208

36.4919, 0.3582,
0.2823

74.6447, 0.3101,
0.3326

30.3854, 0.3764,
0.2698

87.9346, 0.3028,
0.3436

25.5058, 0.3974,
0.2588

93.1651, 0.2965,
0.3392

■ 21.7674, 0.4207,
0.2504

■ 93.7954, 0.2911,
0.3289

■ 19.0733, 0.4459,
0.2459

■ 17.3104, 0.4715,
0.2465

■ 16.3322, 0.4963,
0.2525

■ 16.1086, 0.5039,
0.2550

Harmonies

Analogous

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



52.6861, 0.3070, 0.2959



52.6861, 0.3298, 0.3083



52.6861, 0.3484, 0.3260

Triad

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



52.6861, 0.3298, 0.3083



52.6861, 0.3386, 0.3686



52.6861, 0.2703, 0.3105

Complementary

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



52.6861, 0.3298, 0.3083



64.8105, 0.2985, 0.3507

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.



52.6861, 0.2781, 0.3306



52.6861, 0.3298, 0.3083



52.6861, 0.3171, 0.3653

Square

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



52.6861, 0.3298, 0.3083



52.6861, 0.3534, 0.3607



52.6861, 0.2950, 0.3511



52.6861, 0.2733, 0.2965

Rectangle

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



52.6861, 0.3298, 0.3083



52.6861, 0.3555, 0.3387



52.6861, 0.2950, 0.3511



52.6861, 0.2717, 0.3168

Sweetspot

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



52.6884, 0.3298, 0.3083



91.7189, 0.3173, 0.3230



50.9228, 0.2997, 0.2854



19.3919, 0.3179, 0.3222



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.



52.6884, 0.3298, 0.3083



70.0933, 0.3338, 0.3041



51.8961, 0.3449, 0.3291



13.1566, 0.3216, 0.3177



9.5766, 0.5005, 0.2531



0.6378, 0.4635, 0.2327

Inverse Universe

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



52.6884, 0.3298, 0.3083



70.0933, 0.3338, 0.3041



65.7073, 0.2873, 0.3289



13.1566, 0.3216, 0.3177



9.5766, 0.5005, 0.2531



0.6378, 0.4635, 0.2327

Previews

White Background



This preview shows how the Yxy color 52.6861, 0.3298, 0.3083 looks on a white background.

Color Contrast Check

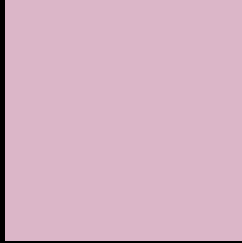
Large Text (above 18pt) WCAG AA × Fail

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 52.6861, 0.3298, 0.3083 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 52.6861, 0.3298, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 52.6861, 0.3298, 0.3083.



This preview shows how white text looks on a background with the Yxy color 52.6861, 0.3298, 0.3083.

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

52.6861, 0.3298, 0.3083

Protanopia

52.8758, 0.3031, 0.3119

Deuteranopia

52.6512, 0.3209, 0.3136



Tritanopia

52.9583, 0.3322, 0.3129

Trichromacy



Original Color

52.6861, 0.3298, 0.3083

Protanomaly

52.8348, 0.3127, 0.3111

Deuteranomaly

52.8185, 0.3244, 0.3126

Tritanomaly

53.0043, 0.3313, 0.3117

Monochromacy



Original Color

52.6861, 0.3298, 0.3083

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6955, 0.3188, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6861, 0.3298, 0.3083 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(219, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 182, 200)  
}
```

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(219, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 182, 200) }
```

Border

The CSS property to change the border of an element to Yxy 52.6861, 0.3298, 0.3083 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(219, 182, 200) }
```

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

```
.border{ border-color:rgb(219, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 182,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6861, 0.3298, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 182, 200) }
```

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

```
.background{ background-color: rgb(219,  
182, 200) }
```

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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