

Converting Colors

$Y_{xy}(52.7513, 0.3185, 0.2952)$

Have a look what the booklet for
Yxy(52.7513, 0.3185, 0.2952)
contains.

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Color

Yxy(52.7580, 0.3184, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	D8B6D3
RGB	216, 182, 211
RGB Percent	85%, 71%, 83%
CMY	0.1532, 0.2862, 0.1726
CMYK	0.00, 0.16, 0.02, 0.15
HSL	309°, 30%, 78%
HSV	309°, 16%, 85%
XYZ	56.7889, 52.7580, 68.8101
YIQ	195.4720, 10.9550, 16.2270

Conversions

Conversions Part 2

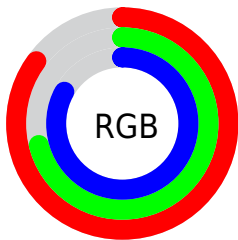
Format	Color
R _Y B	216, 182, 211
Decimal	14202579
CIE Lab	77.73, 17.11, -10.02
CIE LCh	78, 19.829, 329.635
Yxy	52.7580, 0.3184, 0.2958
Android (android.graphics.Color)	4292392659 (0xFFD8B6D3)
YUV	195.4720, 7.6553, 18.0031
Hunter-Lab	72.6347, 12.4481, -5.3238

Details

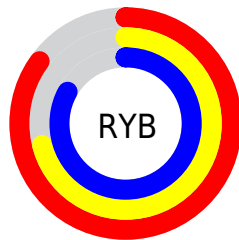
The Yxy color **52.7580, 0.3184, 0.2958** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.6140, 0.3075, 0.3646**, and the grayscale version is **54.8157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **25.6779, 0.3203, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **44.4288, 0.3227, 0.2740**, and if you desaturate by 10%, it is **62.4587, 0.3146, 0.3172**.

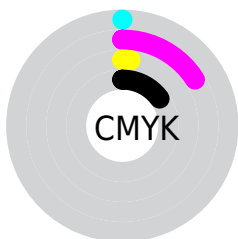
Distribution



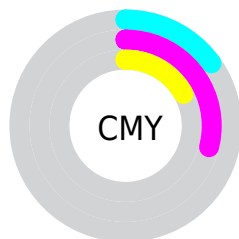
- Red (85%)
- Green (71%)
- Blue (83%)



- Red (85%)
- Yellow (71%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7580, 0.3184, 0.2958 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 52.7580, 0.3184, 0.2958 by changing the saturation by 10% instead.


 52.7580, 0.3184,
0.2958

 52.7580, 0.3184,
0.2958

397.3560, 0.3158,
0.3116

 37.6096, 0.3190,
0.2921


 94.2482, 0.3175,
0.3014

 25.6798, 0.3197,
0.2874


121.3588, 0.3172,
0.3035

 16.5843, 0.3206,
0.2814


153.2255, 0.3169,
0.3054

 9.9385, 0.3217,
0.2733

190.2329, 0.3166,
0.3070

 5.3582, 0.3232,
0.2620

232.7652, 0.3164,
0.3083

 2.4589, 0.3251,
0.2450

281.2069, 0.3162,

 0.8560, 0.3277,

0.3096

0.2167

335.9424, 0.3160,
0.3107

0.0000, 0.2952,
0.0000

0.0000, 0.0000,
0.0000

52.7580, 0.3184,
0.2958

52.7580, 0.3184,
0.2958

44.4288, 0.3227,
0.2740

62.4587, 0.3146,
0.3172

37.4020, 0.3274,
0.2525

73.5823, 0.3114,
0.3377

31.6126, 0.3325,
0.2321

86.1860, 0.3085,
0.3570

26.9875, 0.3380,
0.2137

91.4685, 0.3065,
0.3619

■ 23.4460, 0.3436,
0.1983

■ 91.6406, 0.3047,
0.3585

■ 20.8969, 0.3493,
0.1868

■ 91.8159, 0.3030,
0.3552

■ 19.2340, 0.3547,
0.1797

■ 91.9944, 0.3012,
0.3518

■ 18.3267, 0.3599,
0.1771

■ 92.1761, 0.2995,
0.3485

■ 18.0679, 0.3620,
0.1768

■ 92.3610, 0.2978,
0.3451

Harmonies

Analogous

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



52.7580, 0.2921, 0.2860



52.7580, 0.3184, 0.2958



52.7580, 0.3441, 0.3136

Triad

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



52.7580, 0.3184, 0.2958



52.7580, 0.3541, 0.3722



52.7580, 0.2662, 0.3192

Complementary

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



52.7580, 0.3184, 0.2958



62.6140, 0.3075, 0.3646

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.



52.7580, 0.2815, 0.3444



52.7580, 0.3184, 0.2958



52.7580, 0.3320, 0.3760

Square

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



52.7580, 0.3184, 0.2958



52.7580, 0.3652, 0.3570



52.7580, 0.3054, 0.3659



52.7580, 0.2628, 0.2982

Rectangle

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



52.7580, 0.3184, 0.2958



52.7580, 0.3571, 0.3281



52.7580, 0.3054, 0.3659



52.7580, 0.2700, 0.3275

Sweetspot

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



52.7603, 0.3184, 0.2958



92.0140, 0.3144, 0.3186



48.9316, 0.2909, 0.2875



19.4637, 0.3147, 0.3171



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.



52.7603, 0.3184, 0.2958



72.4410, 0.3198, 0.2882



51.9736, 0.3318, 0.3145



12.6001, 0.3160, 0.3093



10.7141, 0.3613, 0.1764



0.6549, 0.3533, 0.1720

Inverse Universe

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



52.7603, 0.3184, 0.2958



72.4410, 0.3198, 0.2882



63.3630, 0.2968, 0.3440



12.6001, 0.3160, 0.3093



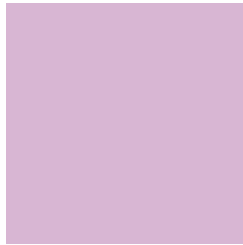
10.7141, 0.3613, 0.1764



0.6549, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 52.7580, 0.3184, 0.2958 looks on a white background.

Color Contrast Check

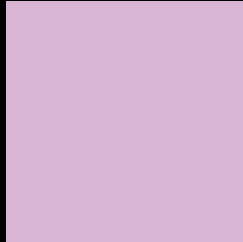
Large Text (above 18pt) WCAG AA × Fail

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 52.7580, 0.3184, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

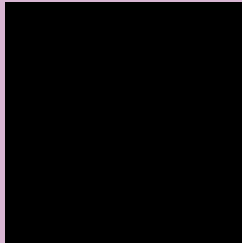
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7580, 0.3184, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 52.7580, 0.3184, 0.2958.



This preview shows how white text looks on a background with the Yxy color 52.7580, 0.3184, 0.2958.

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

52.7580, 0.3184, 0.2958

Protanopia

52.9627, 0.2916, 0.2976

Deuteranopia

52.8903, 0.3083, 0.3018



Tritanopia

52.7006, 0.3262, 0.3115

Trichromacy



Original Color

52.7580, 0.3184, 0.2958

Protanomaly

52.8785, 0.3006, 0.2969

Deuteranomaly

52.7610, 0.3124, 0.2998

Tritanomaly

52.6258, 0.3239, 0.3058

Monochromacy



Original Color

52.7580, 0.3184, 0.2958

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7405, 0.3150, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7580, 0.3184, 0.2958 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(216, 182, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 211)  
}
```

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(216, 182, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 211) }
```

Border

The CSS property to change the border of an element to Yxy 52.7580, 0.3184, 0.2958 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(216, 182, 211) }
```

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

```
.border{ border-color:rgb(216, 182, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7580, 0.3184, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 211) }
```

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

```
.background{ background-color: rgb(216,  
182, 211) }
```

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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