

Converting Colors

$Yxy(55.6830, 0.3176, 0.2929)$

Have a look what the booklet for
Yxy(55.6830, 0.3176, 0.2929)
contains.

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Color

Yxy(55.7094, 0.3177, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	DEBADA
RGB	222, 186, 218
RGB Percent	87%, 73%, 85%
CMY	0.1293, 0.2706, 0.1452
CMYK	0.00, 0.16, 0.02, 0.13
HSL	307°, 35%, 80%
HSV	307°, 16%, 87%
XYZ	60.3439, 55.7094, 73.8867
YIQ	200.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

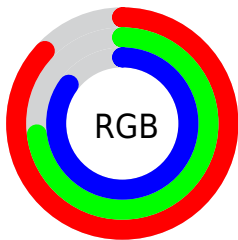
Format	Color
R _{YB}	222, 186, 218
Decimal	14596826
CIE _{Lab}	79.45, 18.32, -11.19
CIE _{LCh}	79, 21.466, 328.595
Yxy	55.7094, 0.3177, 0.2933
Android (android.graphics.Color)	4292786906 (0xFFDEBADA)
YUV	200.4120, 8.6709, 18.9327
Hunter-Lab	74.6387, 13.6959, -6.4455

Details

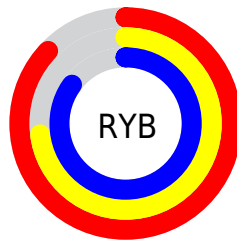
The Yxy color **55.7094, 0.3177, 0.2933** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.4211, 0.3081, 0.3675**, and the grayscale version is **57.9692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.6349, 0.3192, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **46.9425, 0.3213, 0.2707**, and if you desaturate by 10%, it is **65.9367, 0.3145, 0.3155**.

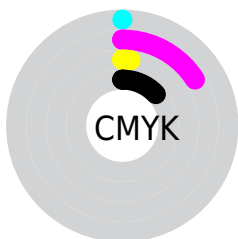
Distribution



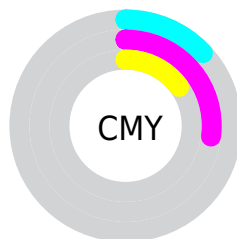
- Red (87%)
- Green (73%)
- Blue (85%)



- Red (87%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7094, 0.3177, 0.2933 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 55.7094, 0.3177, 0.2933 by changing the saturation by 10% instead.


 55.7094, 0.3177,
0.2933

 55.7094, 0.3177,
0.2933

408.5954, 0.3155,
0.3101

 39.9700, 0.3182,
0.2894


 98.5796, 0.3170,
0.2992

 27.5151, 0.3187,
0.2845


126.4791, 0.3167,
0.3015

 17.9605, 0.3194,
0.2783


159.2008, 0.3164,
0.3034

 10.9216, 0.3203,
0.2700

197.1290, 0.3162,
0.3051

 6.0142, 0.3213,
0.2586

240.6482, 0.3160,
0.3066

 2.8537, 0.3226,
0.2417

290.1427, 0.3158,

 1.0558, 0.3240,

0.3079

0.2145

345.9970, 0.3156,
0.3091

0.0000, 0.3523,
0.0000

0.0000, 0.0000,
0.0000

55.7094, 0.3177,
0.2933

55.7094, 0.3177,
0.2933

46.9425, 0.3213,
0.2707

65.9367, 0.3145,
0.3155

39.5618, 0.3252,
0.2486

77.6798, 0.3117,
0.3369

33.4975, 0.3294,
0.2276

90.9999, 0.3093,
0.3572

28.6710, 0.3337,
0.2089

92.6560, 0.3078,
0.3569

24.9952, 0.3382,
0.1933

92.7958, 0.3064,
0.3543

22.3716, 0.3425,
0.1817

92.9378, 0.3050,
0.3516

20.6855, 0.3467,
0.1745

93.0817, 0.3036,
0.3490

19.7931, 0.3505,
0.1717

93.2277, 0.3022,
0.3464

19.5682, 0.3519,
0.1712

93.3757, 0.3008,
0.3438

Harmonies

Analogous

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



55.7094, 0.2899, 0.2832



55.7094, 0.3177, 0.2933



55.7094, 0.3453, 0.3119

Triad

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



55.7094, 0.3177, 0.2933



55.7094, 0.3573, 0.3745



55.7094, 0.2637, 0.3193

Complementary

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



55.7094, 0.3177, 0.2933



66.4211, 0.3081, 0.3675

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.



55.7094, 0.2803, 0.3463



55.7094, 0.3177, 0.2933



55.7094, 0.3341, 0.3792

Square

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



55.7094, 0.3177, 0.2933



55.7094, 0.3687, 0.3579



55.7094, 0.3059, 0.3689



55.7094, 0.2597, 0.2968

Rectangle

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



55.7094, 0.3177, 0.2933



55.7094, 0.3593, 0.3271



55.7094, 0.3059, 0.3689



55.7094, 0.2679, 0.3282

Sweetspot

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



55.7118, 0.3177, 0.2933



92.0410, 0.3142, 0.3181



51.2869, 0.2891, 0.2858



19.4703, 0.3144, 0.3166



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.



55.7118, 0.3177, 0.2933



72.5414, 0.3187, 0.2867



54.8404, 0.3316, 0.3126



13.9077, 0.3155, 0.3085



11.6291, 0.3514, 0.1709



0.8137, 0.3461, 0.1680

Inverse Universe

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



55.7118, 0.3177, 0.2933



72.5414, 0.3187, 0.2867



67.2365, 0.2970, 0.3460



13.9077, 0.3155, 0.3085



11.6291, 0.3514, 0.1709



0.8137, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 55.7094, 0.3177, 0.2933 looks on a white background.

Color Contrast Check

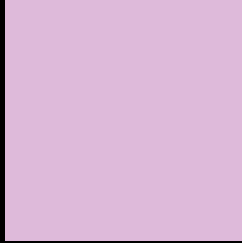
Large Text (above 18pt) WCAG AA × Fail

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 55.7094, 0.3177, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

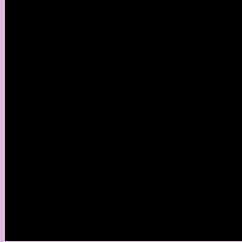
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7094, 0.3177, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 55.7094, 0.3177, 0.2933.



This preview shows how white text looks on a background with the Yxy color 55.7094, 0.3177, 0.2933.

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

55.7094, 0.3177, 0.2933

Protanopia

56.0681, 0.2900, 0.2960

Deuteranopia

55.9744, 0.3062, 0.3001



Tritanopia

55.9226, 0.3275, 0.3131

Trichromacy



Original Color

55.7094, 0.3177, 0.2933

Protanomaly

55.6697, 0.2995, 0.2942

Deuteranomaly

55.8337, 0.3102, 0.2981

Tritanomaly

55.8927, 0.3244, 0.3064

Monochromacy



Original Color

55.7094, 0.3177, 0.2933

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9451, 0.3142, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7094, 0.3177, 0.2933 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(222, 186, 218)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 218)  
}
```

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(222, 186, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.7094, 0.3177, 0.2933 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(222, 186, 218) }
```

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

```
.border{ border-color:rgb(222, 186, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 218);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7094, 0.3177, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 218) }
```

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

```
.background{ background-color: rgb(222,  
186, 218) }
```

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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