

Converting Colors

$Yxy(56.0716, 0.3229, 0.3086)$

Have a look what the booklet for
Yxy(56.0716, 0.3229, 0.3086)
contains.

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Color

Yxy(55.9603, 0.3235, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDCF
RGB	219, 189, 207
RGB Percent	86%, 74%, 81%
CMY	0.1411, 0.2588, 0.1881
CMYK	0.00, 0.14, 0.05, 0.14
HSL	324°, 29%, 80%
HSV	324°, 14%, 86%
XYZ	58.6812, 55.9603, 66.7533
YIQ	200.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

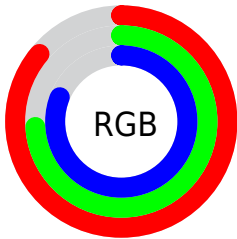
Format	Color
R_{YB}	219, 189, 207
Decimal	14400975
CIE Lab	79.59, 13.72, -5.09
CIE LCh	80, 14.635, 339.645
Yxy	55.9603, 0.3235, 0.3085
Android (android.graphics.Color)	4292591055 (0xFFDBBDCF)
YUV	200.0220, 3.4402, 16.6437
Hunter-Lab	74.8066, 9.1108, -0.5425

Details

The Yxy color **55.9603, 0.3235, 0.3085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7119, 0.3032, 0.3504**, and the grayscale version is **57.7494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **27.8007, 0.3260, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **46.8246, 0.3332, 0.2928**, and if you desaturate by 10%, it is **66.5476, 0.3154, 0.3236**.

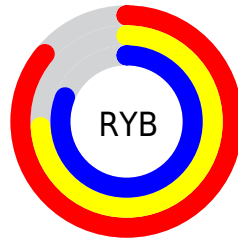
Distribution



Red (86%)

Green (74%)

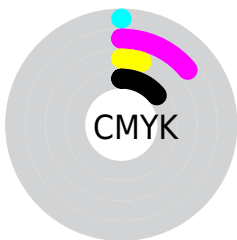
Blue (81%)



Red (86%)

Yellow (74%)

Blue (81%)

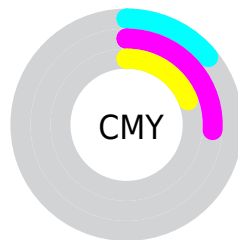


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (14%)



Cyan (14%)


Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9603, 0.3235, 0.3085 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 55.9603, 0.3235, 0.3085 by changing the saturation by 10% instead.


 55.9603, 0.3235,
0.3085

 55.9603, 0.3235,
0.3085

409.5419, 0.3184,
0.3183

 40.1711, 0.3247,
0.3062

 98.9465, 0.3217,
0.3120

 27.6720, 0.3262,
0.3033


126.9123, 0.3210,
0.3133

 18.0785, 0.3282,
0.2996


159.7058, 0.3204,
0.3144

 11.0064, 0.3309,
0.2946

197.7113, 0.3199,
0.3154

 6.0711, 0.3346,
0.2875

241.3133, 0.3194,
0.3163

 2.8884, 0.3403,
0.2769

290.8961, 0.3190,

 1.0737, 0.3499,

0.3170

0.2589

346.8442, 0.3187,
0.3177

0.0000, 0.4877,
0.0000

0.0000, 0.0000,
0.0000

55.9603, 0.3235,
0.3085

55.9603, 0.3235,
0.3085

46.8246, 0.3332,
0.2928

66.5476, 0.3154,
0.3236

39.0690, 0.3446,
0.2769

78.6390, 0.3086,
0.3379

32.6273, 0.3578,
0.2614

92.2936, 0.3030,
0.3511

27.4248, 0.3728,
0.2472

92.9975, 0.2981,
0.3422

■ 23.3789, 0.3896,
0.2354

■ 93.5364, 0.2934,
0.3332

■ 20.3974, 0.4075,
0.2272

■ 93.8042, 0.2912,
0.3289

■ 18.3735, 0.4261,
0.2236

■ 17.1778, 0.4444,
0.2253

■ 16.7159, 0.4557,
0.2284

Harmonies

Analogous

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



55.9603, 0.3040, 0.2990



55.9603, 0.3235, 0.3085



55.9603, 0.3405, 0.3231

Triad

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



55.9603, 0.3235, 0.3085



55.9603, 0.3382, 0.3622



55.9603, 0.2768, 0.3165

Complementary

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



55.9603, 0.3235, 0.3085



65.7119, 0.3032, 0.3504

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.



55.9603, 0.2854, 0.3342



55.9603, 0.3235, 0.3085



55.9603, 0.3206, 0.3613

Square

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



55.9603, 0.3235, 0.3085



55.9603, 0.3491, 0.3540



55.9603, 0.3013, 0.3509



55.9603, 0.2775, 0.3031

Rectangle

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



55.9603, 0.3235, 0.3085



55.9603, 0.3479, 0.3341



55.9603, 0.3013, 0.3509



55.9603, 0.2787, 0.3222

Sweetspot

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



55.9628, 0.3235, 0.3085



93.4040, 0.3156, 0.3231



53.8576, 0.2997, 0.2938



19.7351, 0.3162, 0.3220



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.



55.9628, 0.3235, 0.3085



75.6682, 0.3257, 0.3047



55.2846, 0.3350, 0.3250



13.1821, 0.3198, 0.3151



9.9312, 0.4532, 0.2270



0.6602, 0.4258, 0.2120

Inverse Universe

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



55.9628, 0.3235, 0.3085



75.6682, 0.3257, 0.3047



66.4282, 0.2941, 0.3330



13.1821, 0.3198, 0.3151



9.9312, 0.4532, 0.2270



0.6602, 0.4258, 0.2120

Previews

White Background



This preview shows how the Yxy color 55.9603, 0.3235, 0.3085 looks on a white background.

Color Contrast Check

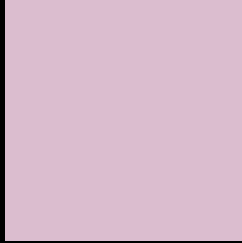
Large Text (above 18pt) WCAG AA × Fail

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 55.9603, 0.3235, 0.3085 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 55.9603, 0.3235, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 55.9603, 0.3235, 0.3085.



This preview shows how white text looks on a background with the Yxy color 55.9603, 0.3235, 0.3085.

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

55.9603, 0.3235, 0.3085

Protanopia

56.0533, 0.3027, 0.3111

Deuteranopia

55.7636, 0.3176, 0.3105



Tritanopia

55.8149, 0.3258, 0.3119

Trichromacy



Original Color

55.9603, 0.3235, 0.3085

Protanomaly

55.7722, 0.3097, 0.3091

Deuteranomaly

55.7790, 0.3201, 0.3095

Tritanomaly

55.8630, 0.3251, 0.3108

Monochromacy



Original Color

55.9603, 0.3235, 0.3085

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0571, 0.3163, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9603, 0.3235, 0.3085 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, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 207)  
}
```

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, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 207) }
```

Border

The CSS property to change the border of an element to Yxy 55.9603, 0.3235, 0.3085 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, 189, 207) }
```

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

```
.border{ border-color:rgb(219, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9603, 0.3235, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 207) }
```

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

```
.background{ background-color: rgb(219,  
189, 207) }
```

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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