

Converting Colors

$Y_{xy}(55.2274, 0.3229, 0.2989)$

Have a look what the booklet for
Yxy(55.2274, 0.3229, 0.2989)
contains.

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Color

Yxy(55.1394, 0.3232, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	DFB9D4
RGB	223, 185, 212
RGB Percent	87%, 73%, 83%
CMY	0.1255, 0.2745, 0.1686
CMYK	0.00, 0.17, 0.05, 0.13
HSL	317°, 37%, 80%
HSV	317°, 17%, 87%
XYZ	59.6620, 55.1394, 69.7965
YIQ	199.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

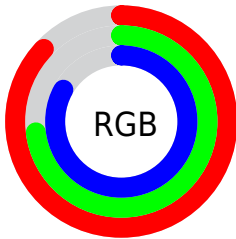
Format	Color
R _Y B	223, 185, 212
Decimal	14662100
CIE Lab	79.12, 18.10, -8.44
CIE LCh	79, 19.977, 334.996
Yxy	55.1394, 0.3232, 0.2987
Android (android.graphics.Color)	4292852180 (0xFFDFB9D4)
YUV	199.4400, 6.1921, 20.6621
Hunter-Lab	74.2559, 13.4707, -3.7502

Details

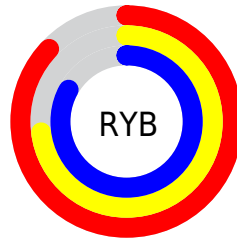
The Yxy color $55.1394, 0.3232, 0.2987$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.0674, 0.3036, 0.3613$, and the grayscale version is $57.3528, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $27.2617, 0.3267, 0.2922$ is the 20% darker color. If you saturate the color by 10%, you get $46.2132, 0.3308, 0.2802$, and if you desaturate by 10%, it is $65.5466, 0.3167, 0.3168$.

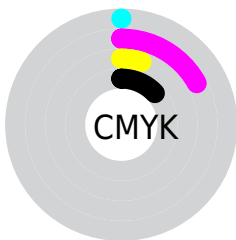
Distribution



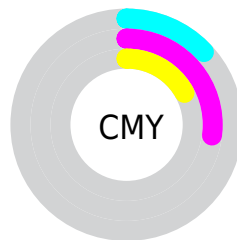
- Red (87%)
- Green (73%)
- Blue (83%)



- Red (87%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1394, 0.3232, 0.2987 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 55.1394, 0.3232, 0.2987 by changing the saturation by 10% instead.


 55.1394, 0.3232,
0.2987

 55.1394, 0.3232,
0.2987


406.4401, 0.3183,
0.3131

 39.5133, 0.3243,
0.2953

 97.7452, 0.3215,
0.3038

 27.1593, 0.3258,
0.2911


125.4937, 0.3208,
0.3057

 17.6929, 0.3276,
0.2857

158.0518, 0.3202,
0.3074

 10.7297, 0.3300,
0.2785

195.8039, 0.3197,
0.3088

 5.8854, 0.3333,
0.2685

239.1344, 0.3193,
0.3101

 2.7755, 0.3381,
0.2535

288.4276, 0.3189,

 1.0157, 0.3459,

0.3112

0.2289

344.0681, 0.3186,
0.3122

0.0000, 0.4191,
0.0000

0.0000, 0.0000,
0.0000

55.1394, 0.3232,
0.2987

55.1394, 0.3232,
0.2987

46.2132, 0.3308,
0.2802

65.5466, 0.3167,
0.3168

38.6924, 0.3395,
0.2618

77.4911, 0.3112,
0.3340

32.5061, 0.3494,
0.2442

91.0354, 0.3065,
0.3502

27.5738, 0.3603,
0.2285

93.3656, 0.3029,
0.3466

■ 23.8067, 0.3720,
0.2157

■ 93.7505, 0.2993,
0.3399

■ 21.1041, 0.3842,
0.2068

■ 94.1491, 0.2958,
0.3333

■ 19.3481, 0.3964,
0.2027

■ 94.4256, 0.2935,
0.3289

■ 18.3849, 0.4082,
0.2035

■ 18.1744, 0.4117,
0.2042

Harmonies

Analogous

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



55.1394, 0.2966, 0.2873



55.1394, 0.3232, 0.2987



55.1394, 0.3478, 0.3174

Triad

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



55.1394, 0.3232, 0.2987



55.1394, 0.3505, 0.3735



55.1394, 0.2650, 0.3150

Complementary

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



55.1394, 0.3232, 0.2987



67.0674, 0.3036, 0.3613

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.



55.1394, 0.2782, 0.3398



55.1394, 0.3232, 0.2987



55.1394, 0.3273, 0.3749

Square

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



55.1394, 0.3232, 0.2987



55.1394, 0.3639, 0.3601



55.1394, 0.3008, 0.3624



55.1394, 0.2639, 0.2955

Rectangle

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



55.1394, 0.3232, 0.2987



55.1394, 0.3593, 0.3321



55.1394, 0.3008, 0.3624



55.1394, 0.2681, 0.3230

Sweetspot

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



55.1418, 0.3232, 0.2987



91.8983, 0.3155, 0.3203



51.7336, 0.2931, 0.2841



19.4355, 0.3159, 0.3190



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.



55.1418, 0.3232, 0.2987



70.7531, 0.3254, 0.2930



54.2483, 0.3384, 0.3196



13.8646, 0.3182, 0.3125



10.7084, 0.4100, 0.2032



0.7575, 0.3931, 0.1939

Inverse Universe

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



55.1418, 0.3232, 0.2987



70.7531, 0.3254, 0.2930



67.9768, 0.2920, 0.3386



13.8646, 0.3182, 0.3125



10.7084, 0.4100, 0.2032



0.7575, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 55.1394, 0.3232, 0.2987 looks on a white background.

Color Contrast Check

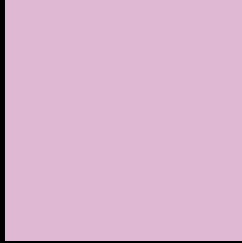
Large Text (above 18pt) WCAG AA × Fail

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 55.1394, 0.3232, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

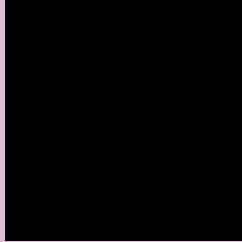
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1394, 0.3232, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 55.1394, 0.3232, 0.2987.



This preview shows how white text looks on a background with the Yxy color 55.1394, 0.3232, 0.2987.

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

55.1394, 0.3232, 0.2987

Protanopia

55.4296, 0.2947, 0.3016

Deuteranopia

55.3746, 0.3114, 0.3057



Tritanopia

55.2873, 0.3309, 0.3131

Trichromacy



Original Color

55.1394, 0.3232, 0.2987

Protanomaly

55.0568, 0.3046, 0.2998

Deuteranomaly

55.2445, 0.3155, 0.3037

Tritanomaly

55.0552, 0.3279, 0.3075

Monochromacy



Original Color

55.1394, 0.3232, 0.2987

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3531, 0.3165, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1394, 0.3232, 0.2987 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, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 212)  
}
```

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, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 212) }
```

Border

The CSS property to change the border of an element to Yxy 55.1394, 0.3232, 0.2987 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, 185, 212) }
```

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

```
.border{ border-color:rgb(223, 185, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1394, 0.3232, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 212) }
```

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

```
.background{ background-color: rgb(223,  
185, 212) }
```

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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