

Converting Colors

$Y_{xy}(55.3639, 0.3218, 0.2983)$

Have a look what the booklet for
Yxy(55.3639, 0.3218, 0.2983)
contains.

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Color

Yxy(55.4515, 0.3215, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD5
RGB	222, 186, 213
RGB Percent	87%, 73%, 84%
CMY	0.1296, 0.2705, 0.1647
CMYK	0.00, 0.16, 0.04, 0.13
HSL	315°, 35%, 80%
HSV	315°, 16%, 87%
XYZ	59.6842, 55.4515, 70.5071
YIQ	199.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

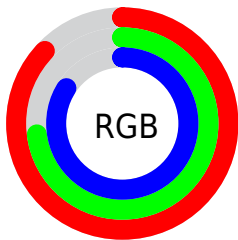
Format	Color
R _{YB}	222, 186, 213
Decimal	14596821
CIE Lab	79.30, 17.39, -8.72
CIE LCh	79, 19.449, 333.367
Yxy	55.4515, 0.3215, 0.2987
Android (android.graphics.Color)	4292786901 (0xFFDEBAD5)
YUV	199.8420, 6.4869, 19.4326
Hunter-Lab	74.4658, 12.7523, -4.0121

Details

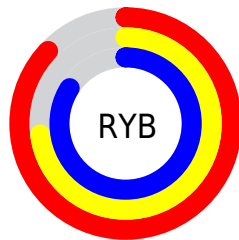
The Yxy color $55.4515, 0.3215, 0.2987$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.6031, 0.3050, 0.3613$, and the grayscale version is $57.6094, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $27.4592, 0.3244, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $46.5393, 0.3281, 0.2793$, and if you desaturate by 10%, it is $65.8308, 0.3158, 0.3177$.

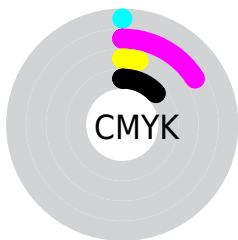
Distribution



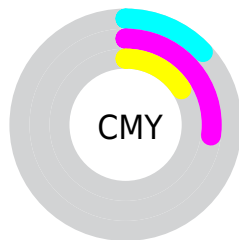
- Red (87%)
- Green (73%)
- Blue (84%)



- Red (87%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4515, 0.3215, 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 55.4515, 0.3215, 0.2987 by changing the saturation by 10% instead.

■ 55.4515, 0.3215,
0.2987

■ 55.4515, 0.3215,
0.2987

407.6211, 0.3174,
0.3131

■ 39.7633, 0.3224,
0.2953

■ 98.2022, 0.3201,
0.3037

■ 27.3541, 0.3236,
0.2911

126.0334, 0.3195,
0.3057

■ 17.8393, 0.3251,
0.2857

158.6812, 0.3190,
0.3074

■ 10.8347, 0.3270,
0.2786

196.5298, 0.3186,
0.3088

■ 5.9558, 0.3297,
0.2686

239.9638, 0.3183,
0.3101

■ 2.8182, 0.3336,
0.2537

289.3674, 0.3179,

■ 1.0376, 0.3396,

0.3112

0.2292

345.1250, 0.3177,
0.3122

0.0000, 0.4005,
0.0000

0.0000, 0.0000,
0.0000

55.4515, 0.3215,
0.2987

55.4515, 0.3215,
0.2987

46.5393, 0.3281,
0.2793

65.8308, 0.3158,
0.3177

39.0199, 0.3356,
0.2599

77.7326, 0.3110,
0.3358

32.8237, 0.3441,
0.2415

91.2182, 0.3069,
0.3528

27.8720, 0.3533,
0.2249

93.0497, 0.3037,
0.3494

■ 24.0776, 0.3632,
0.2111

■ 93.3749, 0.3006,
0.3436

■ 21.3422, 0.3734,
0.2013

■ 93.7101, 0.2976,
0.3379

■ 19.5512, 0.3836,
0.1960

■ 94.0555, 0.2946,
0.3322

■ 18.5611, 0.3934,
0.1956

■ 94.2635, 0.2929,
0.3289

■ 18.2993, 0.3971,
0.1961

Harmonies

Analogous

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



55.4515, 0.2958, 0.2881



55.4515, 0.3215, 0.2987



55.4515, 0.3457, 0.3167

Triad

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



55.4515, 0.3215, 0.2987



55.4515, 0.3505, 0.3719



55.4515, 0.2667, 0.3167

Complementary

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



55.4515, 0.3215, 0.2987



66.6031, 0.3050, 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.



55.4515, 0.2802, 0.3409



55.4515, 0.3215, 0.2987



55.4515, 0.3283, 0.3738

Square

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



55.4515, 0.3215, 0.2987



55.4515, 0.3627, 0.3583



55.4515, 0.3025, 0.3624



55.4515, 0.2650, 0.2973

Rectangle

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



55.4515, 0.3215, 0.2987



55.4515, 0.3573, 0.3309



55.4515, 0.3025, 0.3624



55.4515, 0.2700, 0.3245

Sweetspot

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



55.4539, 0.3215, 0.2987



91.9301, 0.3152, 0.3198



51.9214, 0.2928, 0.2864



19.4433, 0.3156, 0.3185



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.



55.4539, 0.3215, 0.2987



72.1341, 0.3234, 0.2930



54.6174, 0.3354, 0.3181



13.8742, 0.3176, 0.3116



10.8923, 0.3957, 0.1954



0.7690, 0.3817, 0.1877

Inverse Universe

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



55.4539, 0.3215, 0.2987



72.1341, 0.3234, 0.2930



67.4363, 0.2941, 0.3402



13.8742, 0.3176, 0.3116



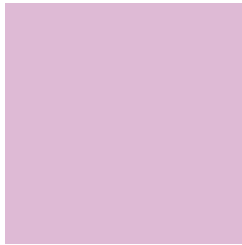
10.8923, 0.3957, 0.1954



0.7690, 0.3817, 0.1877

Previews

White Background



This preview shows how the Yxy color 55.4515, 0.3215, 0.2987 looks on a white background.

Color Contrast Check

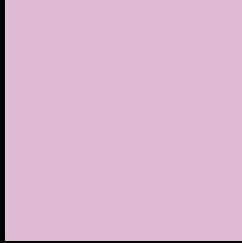
Large Text (above 18pt) WCAG AA × Fail

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 55.4515, 0.3215, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

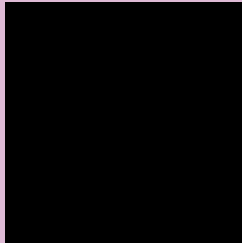
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4515, 0.3215, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 55.4515, 0.3215, 0.2987.



This preview shows how white text looks on a background with the Yxy color 55.4515, 0.3215, 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

55.4515, 0.3215, 0.2987

Protanopia

55.6140, 0.2948, 0.3006

Deuteranopia

55.5704, 0.3115, 0.3047



Tritanopia

55.4464, 0.3284, 0.3130

Trichromacy



Original Color

55.4515, 0.3215, 0.2987

Protanomaly

55.5464, 0.3038, 0.2999

Deuteranomaly

55.4448, 0.3156, 0.3026

Tritanomaly

55.3690, 0.3261, 0.3075

Monochromacy



Original Color

55.4515, 0.3215, 0.2987

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8479, 0.3156, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4515, 0.3215, 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(222, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 213) }
```

Border

The CSS property to change the border of an element to Yxy 55.4515, 0.3215, 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(222, 186, 213) }
```

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

```
.border{ border-color:rgb(222, 186, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4515, 0.3215, 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(222, 186, 213) }
```

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

```
.background{ background-color: rgb(222,  
186, 213) }
```

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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