

Converting Colors

Yxy(56.4587, 0.3288, 0.3182)

Have a look what the booklet for
Yxy(56.4587, 0.3288, 0.3182)
contains.

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Color

Yxy(56.4918, 0.3288, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	DBBFC8
RGB	219, 191, 200
RGB Percent	86%, 75%, 78%
CMY	0.1410, 0.2510, 0.2156
CMYK	0.00, 0.13, 0.09, 0.14
HSL	341°, 28%, 80%
HSV	341°, 13%, 86%
XYZ	58.2821, 56.4918, 62.4831
YIQ	200.3980, 13.7990, 8.7350

Conversions

Conversions Part 2

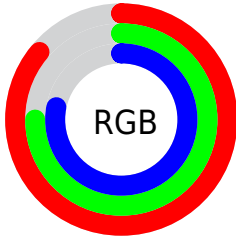
Format	Color
R _Y B	219, 191, 200
Decimal	14401480
CIE Lab	79.89, 11.45, -0.87
CIE LCh	80, 11.486, 355.669
Yxy	56.4918, 0.3288, 0.3187
Android (android.graphics.Color)	4292591560 (0xFFDDBBFC8)
YUV	200.3980, -0.1962, 16.3140
Hunter-Lab	75.1610, 6.8824, 3.3236

Details

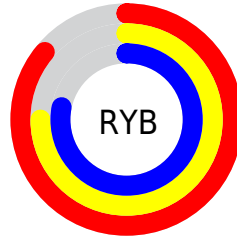
The Yxy color **56.4918, 0.3288, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4192, 0.2989, 0.3395**, and the grayscale version is **58.0166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.1448, 0.3332, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **46.9833, 0.3446, 0.3101**, and if you desaturate by 10%, it is **67.5016, 0.3159, 0.3268**.

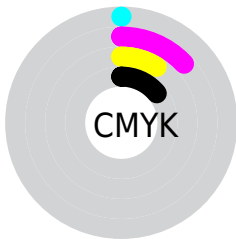
Distribution



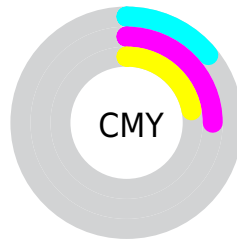
- Red (86%)
- Green (75%)
- Blue (78%)



- Red (86%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4918, 0.3288, 0.3187 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 56.4918, 0.3288, 0.3187 by changing the saturation by 10% instead.

 56.4918, 0.3288,
0.3187

 56.4918, 0.3288,
0.3187


411.5423, 0.3210,
0.3237

 40.5974, 0.3307,
0.3175


 99.7233, 0.3260,
0.3205

 28.0046, 0.3330,
0.3160


127.8291, 0.3250,
0.3211

 18.3291, 0.3361,
0.3141


160.7742, 0.3241,
0.3217

 11.1865, 0.3403,
0.3114

198.9429, 0.3233,
0.3222

 6.1925, 0.3462,
0.3077

242.7197, 0.3226,
0.3227

 2.9625, 0.3555,
0.3019

292.4889, 0.3220,

 1.1122, 0.3717,

0.3230

0.2917

348.6350, 0.3215,
0.3234

0.0000, 0.8490,
0.0000

0.0000, 0.0000,
0.0000

56.4918, 0.3288,
0.3187

56.4918, 0.3288,
0.3187

46.9833, 0.3446,
0.3101

67.5016, 0.3159,
0.3268

38.9036, 0.3639,
0.3014

80.0663, 0.3054,
0.3344

32.1851, 0.3871,
0.2928

93.1558, 0.2968,
0.3396

26.7519, 0.4147,
0.2852

93.8082, 0.2912,
0.3289

■ 22.5206, 0.4462,
0.2795

■ 19.3979, 0.4809,
0.2769

■ 17.2765, 0.5164,
0.2786

■ 16.0274, 0.5498,
0.2852

■ 15.5162, 0.5712,
0.2920

Harmonies

Analogous

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



56.4918, 0.3141, 0.3087



56.4918, 0.3288, 0.3187



56.4918, 0.3393, 0.3314

Triad

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



56.4918, 0.3288, 0.3187



56.4918, 0.3258, 0.3554



56.4918, 0.2838, 0.3131

Complementary

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



56.4918, 0.3288, 0.3187



66.4192, 0.2989, 0.3395

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.



56.4918, 0.2868, 0.3256



56.4918, 0.3288, 0.3187



56.4918, 0.3108, 0.3506

Square

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



56.4918, 0.3288, 0.3187



56.4918, 0.3375, 0.3528



56.4918, 0.2966, 0.3395



56.4918, 0.2883, 0.3053

Rectangle

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



56.4918, 0.3288, 0.3187



56.4918, 0.3423, 0.3400



56.4918, 0.2966, 0.3395



56.4918, 0.2840, 0.3169

Sweetspot

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



56.4943, 0.3288, 0.3187



93.2262, 0.3173, 0.3259



56.0298, 0.3068, 0.2968



19.6901, 0.3182, 0.3253



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.



56.4943, 0.3288, 0.3187



76.4170, 0.3322, 0.3168



58.1573, 0.3352, 0.3345



13.1202, 0.3241, 0.3215



9.2132, 0.5673, 0.2899



0.6123, 0.5209, 0.2643

Inverse Universe

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



56.4943, 0.3288, 0.3187



76.4170, 0.3322, 0.3168



64.4747, 0.2931, 0.3235



13.1202, 0.3241, 0.3215



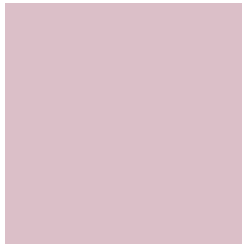
9.2132, 0.5673, 0.2899



0.6123, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 56.4918, 0.3288, 0.3187 looks on a white background.

Color Contrast Check

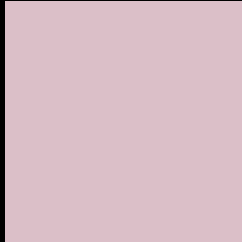
Large Text (above 18pt) WCAG AA × Fail

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 56.4918, 0.3288, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

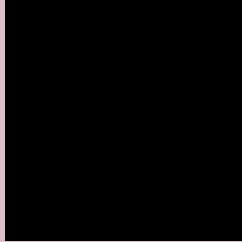
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4918, 0.3288, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 56.4918, 0.3288, 0.3187.



This preview shows how white text looks on a background with the Yxy color 56.4918, 0.3288, 0.3187.

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

56.4918, 0.3288, 0.3187

Protanopia

56.5715, 0.3100, 0.3207

Deuteranopia

56.4683, 0.3262, 0.3198



Tritanopia

56.4503, 0.3258, 0.3120

Trichromacy



Original Color

56.4918, 0.3288, 0.3187

Protanomaly

56.6074, 0.3163, 0.3196

Deuteranomaly

56.6211, 0.3270, 0.3198

Tritanomaly

56.3544, 0.3273, 0.3142

Monochromacy



Original Color

56.4918, 0.3288, 0.3187

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3680, 0.3184, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4918, 0.3288, 0.3187 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, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 200)  
}
```

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, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.4918, 0.3288, 0.3187 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, 191, 200) }
```

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

```
.border{ border-color:rgb(219, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 191, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 191, 200); box-shadow:4px 4px 4px 4px rgb(219, 191, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4918, 0.3288, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 200) }
```

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

```
.background{ background-color: rgb(219,  
191, 200) }
```

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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