

Converting Colors

$Yxy(56.2125, 0.3238, 0.3186)$

Have a look what the booklet for
Yxy(56.2125, 0.3238, 0.3186)
contains.

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Color

Yxy(56.2125, 0.3238, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	D6C0C9
RGB	214, 192, 201
RGB Percent	84%, 75%, 79%
CMY	0.1607, 0.2471, 0.2118
CMYK	0.00, 0.10, 0.06, 0.16
HSL	335°, 21%, 80%
HSV	335°, 10%, 84%
XYZ	57.1300, 56.2125, 63.0935
YIQ	199.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

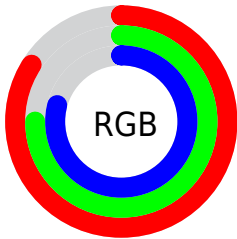
Format	Color
R_{YB}	214, 192, 201
Decimal	14074057
CIE _{Lab}	79.73, 9.32, -1.68
CIE _{LCh}	80, 9.468, 349.781
Yxy	56.2125, 0.3238, 0.3186
Android (android.graphics.Color)	4292264137 (0xFFD6C0C9)
YUV	199.6040, 0.6882, 12.6253
Hunter-Lab	74.9750, 4.8084, 2.5883

Details

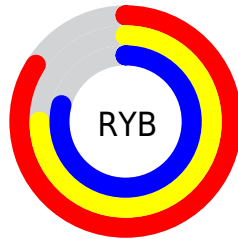
The Yxy color **56.2125, 0.3238, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7246, 0.3028, 0.3396**, and the grayscale version is **57.4969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.9427, 0.3264, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **46.9181, 0.3369, 0.3079**, and if you desaturate by 10%, it is **66.9277, 0.3130, 0.3287**.

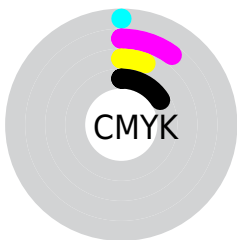
Distribution



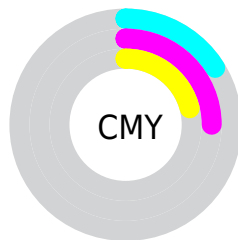
- Red (84%)
- Green (75%)
- Blue (79%)



- Red (84%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2125, 0.3238, 0.3186 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 56.2125, 0.3238, 0.3186 by changing the saturation by 10% instead.

 56.2125, 0.3238,
0.3186

 56.2125, 0.3238,
0.3186

410.4918, 0.3185,
0.3236

 40.3733, 0.3251,
0.3174


 99.3152, 0.3219,
0.3204

 27.8297, 0.3267,
0.3159

127.3475, 0.3212,
0.3211

 18.1974, 0.3288,
0.3139


160.2130, 0.3206,
0.3216

 11.0918, 0.3317,
0.3113

198.2961, 0.3200,
0.3221

 6.1286, 0.3357,
0.3075

241.9811, 0.3195,
0.3226

 2.9234, 0.3421,
0.3018

291.6525, 0.3191,

 1.0919, 0.3532,

0.3230

0.2917

347.6946, 0.3188,
0.3233

0.0000, 0.7002,
0.0000

0.0000, 0.0000,
0.0000

56.2125, 0.3238,
0.3186

56.2125, 0.3238,
0.3186

46.9181, 0.3369,
0.3079

66.9277, 0.3130,
0.3287

38.9772, 0.3528,
0.2969

79.1127, 0.3041,
0.3381

32.3281, 0.3719,
0.2860

92.0519, 0.2969,
0.3456

26.9012, 0.3944,
0.2758

92.8267, 0.2901,
0.3324

■ 22.6205, 0.4203,
0.2674

■ 93.0410, 0.2883,
0.3289

■ 19.4014, 0.4490,
0.2620

■ 17.1471, 0.4794,
0.2608

■ 15.7431, 0.5095,
0.2648

■ 14.9958, 0.5367,
0.2731

Harmonies

Analogous

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



56.2125, 0.3114, 0.3110



56.2125, 0.3238, 0.3186



56.2125, 0.3333, 0.3289

Triad

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



56.2125, 0.3238, 0.3186



56.2125, 0.3257, 0.3508



56.2125, 0.2888, 0.3178

Complementary

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



56.2125, 0.3238, 0.3186



63.7246, 0.3028, 0.3396

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.



56.2125, 0.2925, 0.3285



56.2125, 0.3238, 0.3186



56.2125, 0.3137, 0.3480

Square

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



56.2125, 0.3238, 0.3186



56.2125, 0.3344, 0.3476



56.2125, 0.3015, 0.3397



56.2125, 0.2913, 0.3103

Rectangle

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



56.2125, 0.3238, 0.3186



56.2125, 0.3367, 0.3361



56.2125, 0.3015, 0.3397



56.2125, 0.2893, 0.3211

Sweetspot

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



56.2150, 0.3238, 0.3186



94.9277, 0.3157, 0.3260



55.5117, 0.3066, 0.3033



20.0355, 0.3166, 0.3252



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.



56.2150, 0.3238, 0.3186



80.8950, 0.3260, 0.3167



56.6152, 0.3306, 0.3312



12.5041, 0.3228, 0.3195



9.0804, 0.5330, 0.2710



0.5639, 0.4878, 0.2461

Inverse Universe

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



56.2150, 0.3238, 0.3186



80.8950, 0.3260, 0.3167



63.2474, 0.2970, 0.3268



12.5041, 0.3228, 0.3195



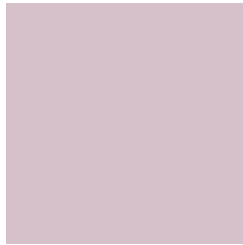
9.0804, 0.5330, 0.2710



0.5639, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 56.2125, 0.3238, 0.3186 looks on a white background.

Color Contrast Check

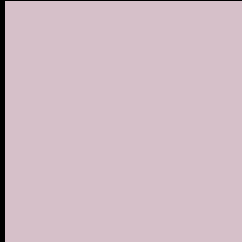
Large Text (above 18pt) WCAG AA × Fail

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 56.2125, 0.3238, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

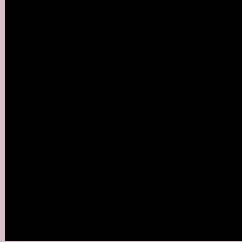
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2125, 0.3238, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 56.2125, 0.3238, 0.3186.



This preview shows how white text looks on a background with the Yxy color 56.2125, 0.3238, 0.3186.

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

56.2125, 0.3238, 0.3186

Protanopia

56.4343, 0.3092, 0.3206

Deuteranopia

56.3634, 0.3246, 0.3186



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.2125, 0.3238, 0.3186

Protanomaly

56.1794, 0.3140, 0.3195

Deuteranomaly

56.3634, 0.3246, 0.3186

Tritanomaly

56.0683, 0.3224, 0.3140

Monochromacy



Original Color

56.2125, 0.3238, 0.3186

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0818, 0.3168, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2125, 0.3238, 0.3186 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(214, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 201)  
}
```

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(214, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.2125, 0.3238, 0.3186 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(214, 192, 201) }
```

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

```
.border{ border-color:rgb(214, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2125, 0.3238, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 201) }
```

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

```
.background{ background-color: rgb(214,  
192, 201) }
```

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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