

Converting Colors

Yxy(56.6593, 0.3406, 0.3348)

Have a look what the booklet for
Yxy(56.6593, 0.3406, 0.3348)
contains.

Yxy(56.6593, 0.3406, 0.3348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.6593, 0.3406, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	<code>#DDC0BB</code>
RGB	<code>221, 192, 187</code>
RGB Percent	<code>87%, 75%, 73%</code>
CMY	<code>0.1333, 0.2470, 0.2665</code>
CMYK	<code>0.00, 0.13, 0.15, 0.13</code>
HSL	<code>9°, 33%, 80%</code>
HSV	<code>9°, 15%, 87%</code>
XYZ	<code>57.6409, 56.6593, 54.9331</code>
YIQ	<code>200.1010, 18.8890, 4.5930</code>

Conversions

Conversions Part 2

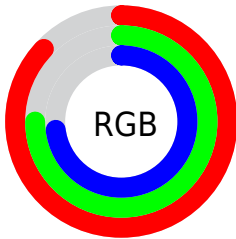
Format	Color
R _Y B	221, 193, 187
Decimal	14532795
CIE Lab	79.99, 9.48, 6.28
CIE LCh	80, 11.372, 33.515
Yxy	56.6593, 0.3406, 0.3348
Android (android.graphics.Color)	4292722875 (0xFFDDC0BB)
YUV	200.1010, -6.4588, 18.3284
Hunter-Lab	75.2724, 4.9622, 9.4213

Details

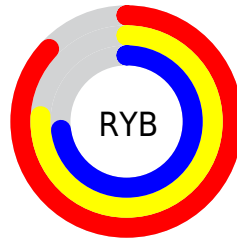
The Yxy color **56.6593, 0.3406, 0.3348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9199, 0.2893, 0.3231**, and the grayscale version is **57.8587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8659, 0.3202, 0.3338**, and **28.2935, 0.3482, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **48.0244, 0.3639, 0.3389**, and if you desaturate by 10%, it is **66.5074, 0.3215, 0.3310**.

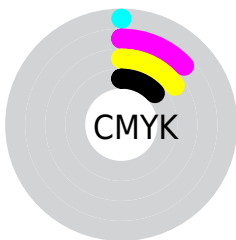
Distribution



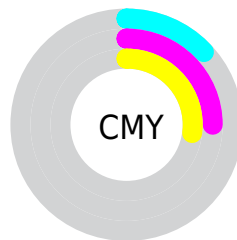
- Red (87%)
- Green (75%)
- Blue (73%)



- Red (87%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6593, 0.3406, 0.3348 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 56.6593, 0.3406, 0.3348 by changing the saturation by 10% instead.


 56.6593, 0.3406,
0.3348

 56.6593, 0.3406,
0.3348


412.1714, 0.3270,
0.3321

 40.7318, 0.3439,
0.3354

 99.9679, 0.3357,
0.3339

 28.1096, 0.3480,
0.3361


128.1177, 0.3339,
0.3335

 18.4083, 0.3535,
0.3370


161.1105, 0.3323,
0.3332

 11.2435, 0.3608,
0.3382

199.3305, 0.3310,
0.3330

 6.2309, 0.3715,
0.3397

243.1622, 0.3298,
0.3327

 2.9860, 0.3881,
0.3417

292.9900, 0.3288,

 1.1244, 0.4192,

0.3325

0.3457

349.1983, 0.3278,
0.3323

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6593, 0.3406,
0.3348

56.6593, 0.3406,
0.3348

48.0244, 0.3639,
0.3389

66.5074, 0.3215,
0.3310

40.5483, 0.3922,
0.3430

77.6051, 0.3059,
0.3274

34.1839, 0.4259,
0.3469

89.9971, 0.2930,
0.3241

28.8777, 0.4649,
0.3500

94.1120, 0.2923,
0.3289

■ 24.5720, 0.5078,
0.3517

■ 21.2033, 0.5513,
0.3513

■ 18.7008, 0.5899,
0.3481

■ 16.9833, 0.6182,
0.3424

■ 16.4213, 0.6278,
0.3397

Harmonies

Analogous

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



56.6593, 0.3319, 0.3220



56.6593, 0.3406, 0.3348



56.6593, 0.3416, 0.3465

Triad

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



56.6593, 0.3406, 0.3348



56.6593, 0.3069, 0.3480



56.6593, 0.2909, 0.3045

Complementary

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



56.6593, 0.3406, 0.3348



64.9199, 0.2893, 0.3231

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.



56.6593, 0.2846, 0.3107



56.6593, 0.3406, 0.3348



56.6593, 0.2937, 0.3359

Square

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



56.6593, 0.3406, 0.3348



56.6593, 0.3219, 0.3546



56.6593, 0.2856, 0.3222



56.6593, 0.3031, 0.3048

Rectangle

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



56.6593, 0.3406, 0.3348



56.6593, 0.3378, 0.3521



56.6593, 0.2856, 0.3222



56.6593, 0.2880, 0.3059

Sweetspot

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



56.6618, 0.3406, 0.3348



92.4555, 0.3209, 0.3308



55.9114, 0.3179, 0.2960



19.5699, 0.3222, 0.3311



0.0000, 0.0000, 0.0000



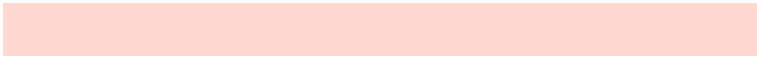
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6618, 0.3406, 0.3348



74.8821, 0.3466, 0.3359



64.3404, 0.3377, 0.3534



13.3570, 0.3288, 0.3325



9.6400, 0.6258, 0.3413



0.7242, 0.5987, 0.3628

Inverse Universe

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



64.9199, 0.2893, 0.3231



88.1040, 0.2852, 0.3220



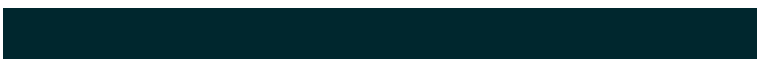
56.8632, 0.2885, 0.3033



14.4882, 0.2982, 0.3255



24.2301, 0.2117, 0.2822



1.6601, 0.2141, 0.2906

Previews

White Background



This preview shows how the Yxy color 56.6593, 0.3406, 0.3348 looks on a white background.

Color Contrast Check

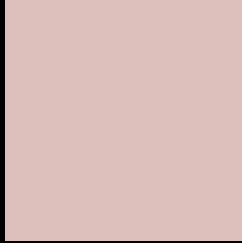
Large Text (above 18pt) WCAG AA × Fail

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 56.6593, 0.3406, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

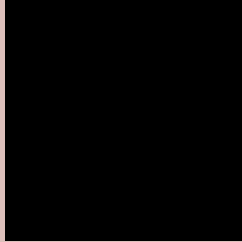
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6593, 0.3406, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 56.6593, 0.3406, 0.3348.

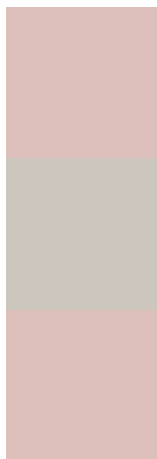


This preview shows how white text looks on a background with the Yxy color 56.6593, 0.3406, 0.3348.

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

56.6593, 0.3406, 0.3348

Protanopia

56.9432, 0.3234, 0.3386

Deuteranopia

56.8167, 0.3415, 0.3348



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.6593, 0.3406, 0.3348

Protanomaly

56.8556, 0.3293, 0.3373

Deuteranomaly

56.8167, 0.3415, 0.3348

Tritanomaly

56.4337, 0.3330, 0.3199

Monochromacy



Original Color

56.6593, 0.3406, 0.3348

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2825, 0.3230, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6593, 0.3406, 0.3348 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(221, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 187)  
}
```

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(221, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.6593, 0.3406, 0.3348 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(221, 192, 187) }
```

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

```
.border{ border-color:rgb(221, 192, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 192, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 192, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 192, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 192,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6593, 0.3406, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 187) }
```

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

```
.background{ background-color: rgb(221,  
192, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor