

Converting Colors

$Yxy(56.7853, 0.3405, 0.3454)$

Have a look what the booklet for
Yxy(56.7853, 0.3405, 0.3454)
contains.

Yxy(56.9653, 0.3407, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.9653, 0.3407, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	D8C3B5
RGB	216, 195, 181
RGB Percent	85%, 76%, 71%
CMY	0.1529, 0.2353, 0.2903
CMYK	0.00, 0.10, 0.16, 0.15
HSL	24°, 31%, 78%
HSV	24°, 16%, 85%
XYZ	56.1739, 56.9653, 51.7387
YIQ	199.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

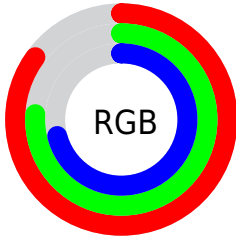
Format	Color
R _Y B	216, 204, 181
Decimal	14205877
CIE Lab	80.16, 5.12, 9.72
CIE LCh	80, 10.989, 62.248
Yxy	56.9653, 0.3407, 0.3455
Android (android.graphics.Color)	4292395957 (0xFFD8C3B5)
YUV	199.6830, -9.2107, 14.3100
Hunter-Lab	75.4754, 0.7699, 12.1892

Details

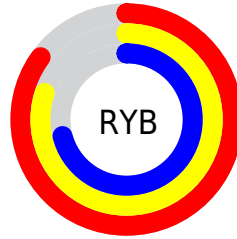
The Yxy color **56.9653, 0.3407, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0111, 0.2876, 0.3119**, and the grayscale version is **57.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9952, 0.3235, 0.3435**, and **28.1853, 0.3485, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **50.5945, 0.3617, 0.3564**, and if you desaturate by 10%, it is **63.9821, 0.3226, 0.3351**.

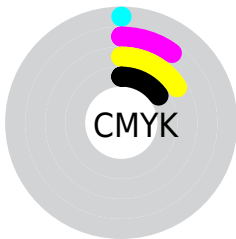
Distribution



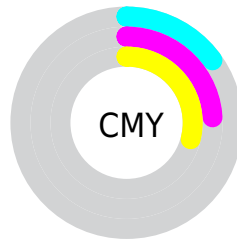
- Red (85%)
- Green (76%)
- Blue (71%)



- Red (85%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9653, 0.3407, 0.3455 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 56.9653, 0.3407, 0.3455 by changing the saturation by 10% instead.


 56.9653, 0.3407,
0.3455

 56.9653, 0.3407,
0.3455


413.3193, 0.3271,
0.3377

 40.9774, 0.3440,
0.3473

 100.4146, 0.3358,
0.3427

 28.3014, 0.3481,
0.3497


128.6447, 0.3340,
0.3417

 18.5530, 0.3535,
0.3526


161.7243, 0.3324,
0.3408

 11.3477, 0.3608,
0.3566

200.0379, 0.3311,
0.3400

 6.3012, 0.3713,
0.3620

243.9698, 0.3299,
0.3393

 3.0291, 0.3876,
0.3701

293.9044, 0.3289,

 1.1469, 0.4240,

0.3387

350.2261, 0.3279,
0.3381

0.3905

0.0177, 0.8889,
0.1111

0.0000, 0.0000,
0.0000

56.9653, 0.3407,
0.3455

56.9653, 0.3407,
0.3455

50.5945, 0.3617,
0.3564

63.9821, 0.3226,
0.3351

44.8429, 0.3858,
0.3673

71.6554, 0.3071,
0.3254

39.6932, 0.4131,
0.3779

80.0051, 0.2939,
0.3164

35.1240, 0.4433,
0.3871

88.2246, 0.2891,
0.3205

■ 31.1127, 0.4753,
0.3939

■ 93.3399, 0.2894,
0.3289

■ 27.6348, 0.5075,
0.3970

■ 24.6635, 0.5374,
0.3952

■ 22.1682, 0.5626,
0.3880

■ 21.3352, 0.5713,
0.3846

Harmonies

Analogous

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



56.9653, 0.3394, 0.3341



56.9653, 0.3407, 0.3455



56.9653, 0.3343, 0.3529

Triad

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



56.9653, 0.3407, 0.3455



56.9653, 0.2948, 0.3362



56.9653, 0.3028, 0.3055

Complementary

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



56.9653, 0.3407, 0.3455



57.0111, 0.2876, 0.3119

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.



56.9653, 0.2913, 0.3055



56.9653, 0.3407, 0.3455



56.9653, 0.2868, 0.3230

Square

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



56.9653, 0.3407, 0.3455



56.9653, 0.3077, 0.3477



56.9653, 0.2855, 0.3118



56.9653, 0.3173, 0.3114

Rectangle

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



56.9653, 0.3407, 0.3455



56.9653, 0.3267, 0.3543



56.9653, 0.2855, 0.3118



56.9653, 0.2985, 0.3048

Sweetspot

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



56.9678, 0.3407, 0.3455



94.4251, 0.3207, 0.3340



51.9032, 0.3258, 0.3046



20.0474, 0.3219, 0.3347



0.0000, 0.0000, 0.0000



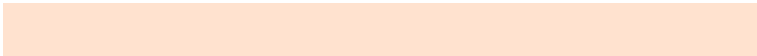
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9678, 0.3407, 0.3455



80.1092, 0.3466, 0.3487



65.2744, 0.3375, 0.3652



13.2288, 0.3281, 0.3384



12.8257, 0.5686, 0.3868



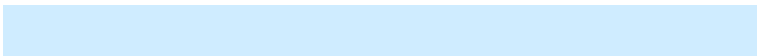
0.9333, 0.5370, 0.4118

Inverse Universe

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



57.0111, 0.2876, 0.3119



80.1808, 0.2829, 0.3085



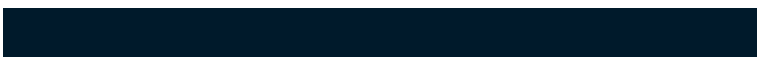
49.2609, 0.2866, 0.2900



13.2346, 0.2982, 0.3194



12.5230, 0.1870, 0.1930



0.9154, 0.1942, 0.2190

Previews

White Background



This preview shows how the Yxy color 56.9653, 0.3407, 0.3455 looks on a white background.

Color Contrast Check

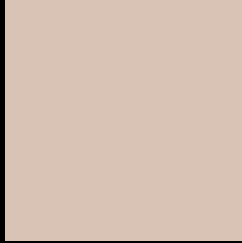
Large Text (above 18pt) WCAG AA × Fail

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 56.9653, 0.3407, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

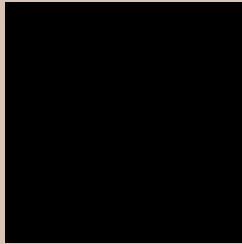
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9653, 0.3407, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 56.9653, 0.3407, 0.3455.



This preview shows how white text looks on a background with the Yxy color 56.9653, 0.3407, 0.3455.

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

56.9653, 0.3407, 0.3455

Protanopia

56.9289, 0.3303, 0.3470

Deuteranopia

56.9240, 0.3472, 0.3406



Tritanopia

56.7779, 0.3241, 0.3120

Trichromacy



Original Color

56.9653, 0.3407, 0.3455

Protanomaly

57.0115, 0.3346, 0.3469

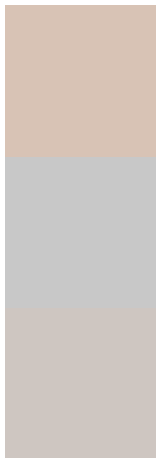
Deuteranomaly

56.8895, 0.3445, 0.3418

Tritanomaly

56.6359, 0.3302, 0.3233

Monochromacy



Original Color

56.9653, 0.3407, 0.3455

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3602, 0.3228, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9653, 0.3407, 0.3455 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(216, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(216, 195, 181)  
}
```

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(216, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 195, 181) }
```

Border

The CSS property to change the border of an element to Yxy 56.9653, 0.3407, 0.3455 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(216, 195, 181) }
```

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

```
.border{ border-color:rgb(216, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(216, 195,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9653, 0.3407, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 195, 181) }
```

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

```
.background{ background-color: rgb(216,  
195, 181) }
```

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