

Converting Colors

$Y_{xy}(56.3278, 0.3485, 0.3484)$

Have a look what the booklet for
Yxy(56.3278, 0.3485, 0.3484)
contains.

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Color

Yxy(56.4902, 0.3485, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	DCC1B0
RGB	220, 193, 176
RGB Percent	86%, 76%, 69%
CMY	0.1372, 0.2431, 0.3099
CMYK	0.00, 0.12, 0.20, 0.14
HSL	23°, 39%, 78%
HSV	23°, 20%, 86%
XYZ	56.4254, 56.4902, 48.9938
YIQ	199.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

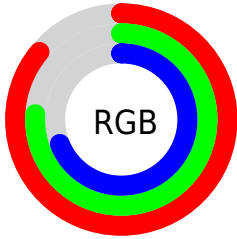
Format	Color
R _Y B	220, 204, 176
Decimal	14467504
CIE Lab	79.89, 6.90, 12.07
CIE LCh	80, 13.904, 60.259
Yxy	56.4902, 0.3485, 0.3489
Android (android.graphics.Color)	4292657584 (0xFFDCC1B0)
YUV	199.1350, -11.4056, 18.2986
Hunter-Lab	75.1600, 2.4768, 13.9632

Details

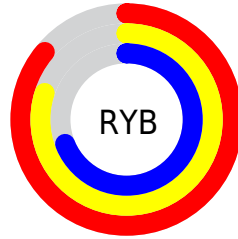
The Yxy color **56.4902, 0.3485, 0.3489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1118, 0.2816, 0.3082**, and the grayscale version is **57.2636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8376, 0.3268, 0.3456**, and **28.1856, 0.3589, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **49.9919, 0.3709, 0.3595**, and if you desaturate by 10%, it is **63.6797, 0.3292, 0.3387**.

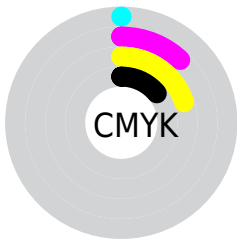
Distribution



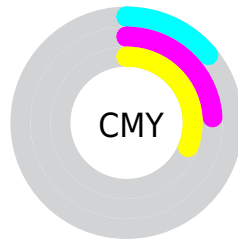
- Red (86%)
- Green (76%)
- Blue (69%)



- Red (86%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4902, 0.3485, 0.3489 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 56.4902, 0.3485, 0.3489 by changing the saturation by 10% instead.


 56.4902, 0.3485,
0.3489

 56.4902, 0.3485,
0.3489


411.5363, 0.3311,
0.3395

 40.5961, 0.3527,
0.3511


 99.7209, 0.3423,
0.3456

 28.0036, 0.3580,
0.3538


127.8264, 0.3399,
0.3443

 18.3284, 0.3650,
0.3573

160.7710, 0.3379,
0.3432

 11.1860, 0.3744,
0.3619

198.9392, 0.3362,
0.3423

 6.1921, 0.3879,
0.3682

242.7155, 0.3346,
0.3415

 2.9622, 0.4086,
0.3772

292.4841, 0.3333,

 1.1120, 0.4642,

0.3407

0.4080

348.6296, 0.3321,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4902, 0.3485,
0.3489

56.4902, 0.3485,
0.3489

49.9919, 0.3709,
0.3595

63.6797, 0.3292,
0.3387

44.1560, 0.3966,
0.3700

71.5731, 0.3127,
0.3290

38.9623, 0.4255,
0.3799

80.1922, 0.2987,
0.3201

34.3872, 0.4571,
0.3880

88.9631, 0.2915,
0.3208

■ 30.4048, 0.4901,
0.3932

■ 93.9594, 0.2917,
0.3289

■ 26.9876, 0.5225,
0.3942

■ 24.1047, 0.5515,
0.3900

■ 21.7185, 0.5754,
0.3813

Harmonies

Analogous

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



56.4902, 0.3462, 0.3342



56.4902, 0.3485, 0.3489



56.4902, 0.3409, 0.3589

Triad

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



56.4902, 0.3485, 0.3489



56.4902, 0.2910, 0.3392



56.4902, 0.2990, 0.2991

Complementary

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



56.4902, 0.3485, 0.3489



57.1118, 0.2816, 0.3082

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.



56.4902, 0.2849, 0.2996



56.4902, 0.3485, 0.3489



56.4902, 0.2804, 0.3222

Square

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



56.4902, 0.3485, 0.3489



56.4902, 0.3075, 0.3536



56.4902, 0.2782, 0.3078



56.4902, 0.3172, 0.3061

Rectangle

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



56.4902, 0.3485, 0.3489



56.4902, 0.3315, 0.3612



56.4902, 0.2782, 0.3078



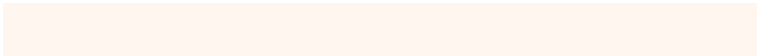
56.4902, 0.2936, 0.2984

Sweetspot

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



56.4927, 0.3485, 0.3489



93.2090, 0.3224, 0.3348



50.5815, 0.3288, 0.2978



19.7971, 0.3235, 0.3354



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.



56.4927, 0.3485, 0.3489



75.0022, 0.3575, 0.3533



66.8962, 0.3438, 0.3732



13.8723, 0.3282, 0.3381



12.9440, 0.5727, 0.3835



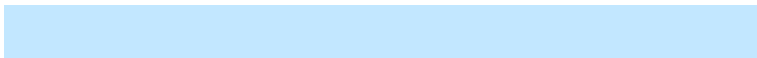
1.0026, 0.5424, 0.4076

Inverse Universe

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



57.1118, 0.2816, 0.3082



76.0128, 0.2750, 0.3033



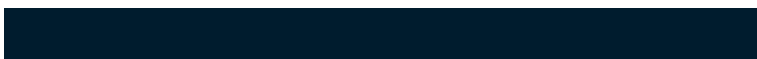
47.4932, 0.2799, 0.2806



13.9407, 0.2982, 0.3197



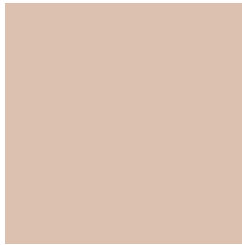
13.4237, 0.1883, 0.1978



1.0348, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 56.4902, 0.3485, 0.3489 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 56.4902, 0.3485, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

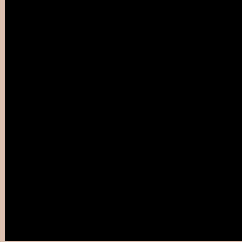
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4902, 0.3485, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 56.4902, 0.3485, 0.3489.



This preview shows how white text looks on a background with the Yxy color 56.4902, 0.3485, 0.3489.

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

56.4902, 0.3485, 0.3489

Protanopia

56.7243, 0.3342, 0.3531

Deuteranopia

56.4037, 0.3532, 0.3463



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.4902, 0.3485, 0.3489

Protanomaly

56.5031, 0.3395, 0.3517

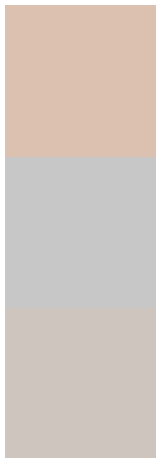
Deuteranomaly

56.5218, 0.3512, 0.3476

Tritanomaly

56.2515, 0.3362, 0.3245

Monochromacy



Original Color

56.4902, 0.3485, 0.3489

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9595, 0.3252, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4902, 0.3485, 0.3489 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(220, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 176)  
}
```

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(220, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 176) }
```

Border

The CSS property to change the border of an element to Yxy 56.4902, 0.3485, 0.3489 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(220, 193, 176) }
```

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

```
.border{ border-color:rgb(220, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 193, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 193, 176); box-shadow:4px 4px 4px 4px rgb(220, 193, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4902, 0.3485, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 176) }
```

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

```
.background{ background-color: rgb(220,  
193, 176) }
```

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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