

Converting Colors

Yxy(56.1162, 0.3574, 0.3659)

Have a look what the booklet for
Yxy(56.1162, 0.3574, 0.3659)
contains.

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Color

Yxy(56.1333, 0.3570, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	DAC2A3
RGB	218, 194, 163
RGB Percent	85%, 76%, 64%
CMY	0.1451, 0.2392, 0.3608
CMYK	0.00, 0.11, 0.25, 0.15
HSL	34°, 43%, 75%
HSV	34°, 25%, 85%
XYZ	54.8129, 56.1333, 42.5913
YIQ	197.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

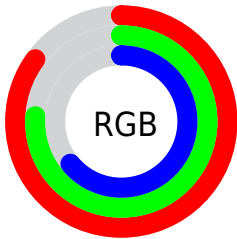
Format	Color
R_{YB}	206, 218, 163
Decimal	14336675
CIE Lab	79.69, 3.73, 18.71
CIE LCh	80, 19.082, 78.733
Yxy	56.1333, 0.3570, 0.3656
Android (android.graphics.Color)	4292526755 (0xFFDAC2A3)
YUV	197.6420, -17.0785, 17.8540
Hunter-Lab	74.9222, -0.5236, 18.7407

Details

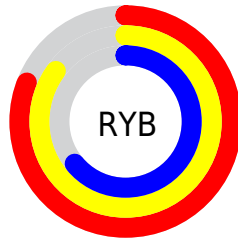
The Yxy color **56.1333, 0.3570, 0.3656** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3751, 0.2723, 0.2894**, and the grayscale version is **56.3381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6932, 0.3352, 0.3604**, and **27.5852, 0.3685, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **51.3240, 0.3782, 0.3808**, and if you desaturate by 10%, it is **61.3530, 0.3379, 0.3506**.

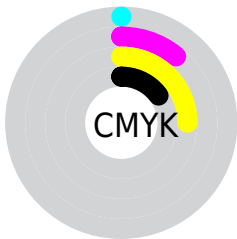
Distribution



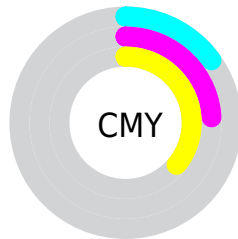
- Red (85%)
- Green (76%)
- Blue (64%)



- Red (81%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1333, 0.3570, 0.3656 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 56.1333, 0.3570, 0.3656 by changing the saturation by 10% instead.


 56.1333, 0.3570,
0.3656


 56.1333, 0.3570,
0.3656


410.1937, 0.3355,
0.3481

 40.3098, 0.3621,
0.3697


 99.1994, 0.3493,
0.3594

 27.7802, 0.3686,
0.3748


 127.2109, 0.3464,
0.3571

 18.1600, 0.3770,
0.3814


160.0538, 0.3439,
0.3550

 11.0649, 0.3883,
0.3901

198.1125, 0.3418,
0.3533

 6.1105, 0.4041,
0.4019

241.7715, 0.3399,
0.3517

 2.9124, 0.4276,
0.4187

291.4150, 0.3383,

 1.0862, 0.5121,

0.3504

0.4879

347.4276, 0.3368,
0.3492

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1333, 0.3570,
0.3656

56.1333, 0.3570,
0.3656

51.3240, 0.3782,
0.3808

61.3530, 0.3379,
0.3506

46.9056, 0.4012,
0.3954

66.9867, 0.3208,
0.3362

42.8678, 0.4256,
0.4087

73.0477, 0.3058,
0.3226

39.1971, 0.4505,
0.4195

79.5464, 0.2925,
0.3100

■ 35.8787, 0.4747,
0.4265

■ 85.3498, 0.2901,
0.3151

■ 32.8958, 0.4967,
0.4287

■ 91.1409, 0.2904,
0.3249

■ 30.2294, 0.5154,
0.4255

■ 93.6438, 0.2906,
0.3289

■ 29.0562, 0.5234,
0.4226

Harmonies

Analogous

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



56.1333, 0.3626, 0.3486



56.1333, 0.3570, 0.3656



56.1333, 0.3394, 0.3735

Triad

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



56.1333, 0.3570, 0.3656



56.1333, 0.2728, 0.3283



56.1333, 0.3088, 0.2932

Complementary

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



56.1333, 0.3570, 0.3656



48.3751, 0.2723, 0.2894

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.



56.1333, 0.2854, 0.2873



56.1333, 0.3570, 0.3656



56.1333, 0.2653, 0.3063

Square

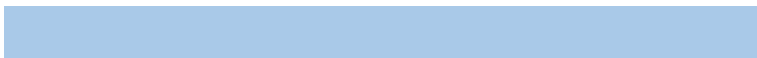
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.1333, 0.3570, 0.3656



56.1333, 0.2908, 0.3517



56.1333, 0.2698, 0.2917



56.1333, 0.3341, 0.3077

Rectangle

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



56.1333, 0.3570, 0.3656



56.1333, 0.3235, 0.3717



56.1333, 0.2698, 0.2917



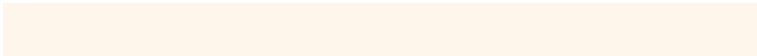
56.1333, 0.3004, 0.2902

Sweetspot

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



56.1358, 0.3570, 0.3656



93.2108, 0.3255, 0.3402



44.7147, 0.3423, 0.2998



19.6871, 0.3280, 0.3424



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.



56.1358, 0.3570, 0.3656



76.5491, 0.3674, 0.3732



67.2647, 0.3485, 0.3922



14.2640, 0.3278, 0.3422



17.6274, 0.5215, 0.4242



1.3123, 0.5003, 0.4409

Inverse Universe

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



48.3751, 0.2723, 0.2894



63.7583, 0.2638, 0.2802



39.3317, 0.2716, 0.2579



13.5465, 0.2982, 0.3155



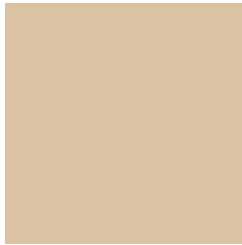
8.1470, 0.1717, 0.1379



0.6972, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 56.1333, 0.3570, 0.3656 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 56.1333, 0.3570, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

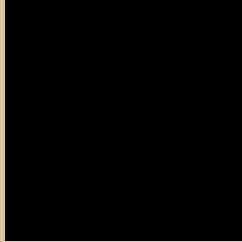
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

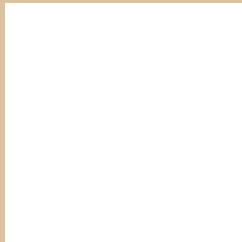
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1333, 0.3570, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 56.1333, 0.3570, 0.3656.



This preview shows how white text looks on a background with the Yxy color 56.1333, 0.3570, 0.3656.

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

56.1333, 0.3570, 0.3656

Protanopia

56.2044, 0.3470, 0.3676

Deuteranopia

56.0012, 0.3660, 0.3589



Tritanopia

55.9662, 0.3301, 0.3121

Trichromacy



Original Color

56.1333, 0.3570, 0.3656

Protanomaly

56.1572, 0.3505, 0.3673

Deuteranomaly

55.7892, 0.3622, 0.3604

Tritanomaly

55.8299, 0.3402, 0.3314

Monochromacy



Original Color

56.1333, 0.3570, 0.3656

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4144, 0.3281, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1333, 0.3570, 0.3656 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(218, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 163)  
}
```

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(218, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 163) }
```

Border

The CSS property to change the border of an element to Yxy 56.1333, 0.3570, 0.3656 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(218, 194, 163) }
```

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

```
.border{ border-color:rgb(218, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1333, 0.3570, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 163) }
```

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

```
.background{ background-color: rgb(218,  
194, 163) }
```

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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