

Converting Colors

Yxy(56.3240, 0.3571, 0.3643)

Have a look what the booklet for
Yxy(56.3240, 0.3571, 0.3643)
contains.

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Color

Yxy(56.3240, 0.3571, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2A4
RGB	219, 194, 164
RGB Percent	86%, 76%, 64%
CMY	0.1411, 0.2392, 0.3569
CMYK	0.00, 0.11, 0.25, 0.14
HSL	33°, 43%, 75%
HSV	33°, 25%, 86%
XYZ	55.2108, 56.3240, 43.0740
YIQ	198.0550, 24.5300, -4.0300

Conversions

Conversions Part 2

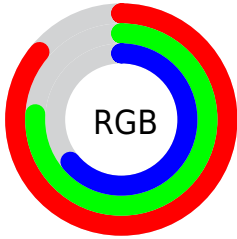
Format	Color
RYB	210, 219, 164
Decimal	14402212
CIELab	79.80, 4.27, 18.35
CIElCh	80, 18.839, 76.911
Yxy	56.3240, 0.3571, 0.3643
Android (android.graphics.Color)	4292592292 (0xFFDBC2A4)
YUV	198.0550, -16.7891, 18.3688
Hunter-Lab	75.0493, -0.0209, 18.5054

Details

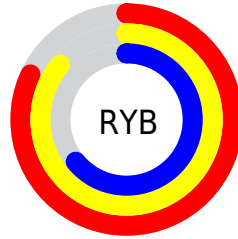
The Yxy color $56.3240, 0.3571, 0.3643$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49.4069, 0.2726, 0.2909$, and the grayscale version is $56.6022, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7457, 0.3346, 0.3594$, and $27.7125, 0.3686, 0.3727$ is the 20% darker color. If you saturate the color by 10%, you get $51.3165, 0.3786, 0.3790$, and if you desaturate by 10%, it is $61.7700, 0.3378, 0.3498$.

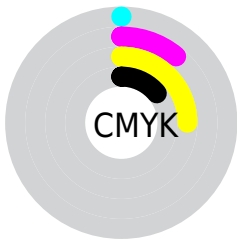
Distribution



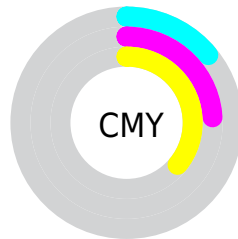
- Red (86%)
- Green (76%)
- Blue (64%)



- Red (82%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3240, 0.3571, 0.3643 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 56.3240, 0.3571, 0.3643 by changing the saturation by 10% instead.


 56.3240, 0.3571,
0.3643


 56.3240, 0.3571,
0.3643


410.9114, 0.3356,
0.3475

 40.4628, 0.3623,
0.3682


 99.4781, 0.3494,
0.3584

 27.8995, 0.3688,
0.3732


 127.5398, 0.3465,
0.3561

 18.2499, 0.3772,
0.3795


160.4371, 0.3440,
0.3541

 11.1296, 0.3885,
0.3877

198.5544, 0.3419,
0.3524

 6.1541, 0.4044,
0.3991

242.2761, 0.3400,
0.3510

 2.9390, 0.4281,
0.4151

291.9865, 0.3383,

 1.1000, 0.5155,

0.3497

0.4845

348.0702, 0.3369,
0.3485

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3240, 0.3571,
0.3643

56.3240, 0.3571,
0.3643

51.3165, 0.3786,
0.3790

61.7700, 0.3378,
0.3498

46.7272, 0.4020,
0.3932

67.6590, 0.3207,
0.3358

42.5449, 0.4270,
0.4061

74.0050, 0.3056,
0.3227

38.7552, 0.4527,
0.4165

80.8191, 0.2924,
0.3105

■ 35.3422, 0.4778,
0.4232

■ 86.8628, 0.2908,
0.3175

■ 32.2884, 0.5008,
0.4250

■ 93.0127, 0.2911,
0.3277

■ 29.5735, 0.5204,
0.4214

■ 93.8045, 0.2912,
0.3289

■ 28.3613, 0.5289,
0.4182

Harmonies

Analogous

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



56.3240, 0.3617, 0.3471



56.3240, 0.3571, 0.3643



56.3240, 0.3403, 0.3727

Triad

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



56.3240, 0.3571, 0.3643



56.3240, 0.2742, 0.3298



56.3240, 0.3073, 0.2931

Complementary

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



56.3240, 0.3571, 0.3643



49.4069, 0.2726, 0.2909

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.



56.3240, 0.2846, 0.2878



56.3240, 0.3571, 0.3643



56.3240, 0.2661, 0.3078

Square

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



56.3240, 0.3571, 0.3643



56.3240, 0.2924, 0.3526



56.3240, 0.2698, 0.2928



56.3240, 0.3324, 0.3069

Rectangle

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



56.3240, 0.3571, 0.3643



56.3240, 0.3249, 0.3715



56.3240, 0.2698, 0.2928



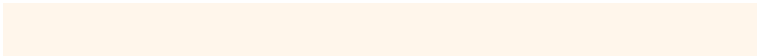
56.3240, 0.2992, 0.2902

Sweetspot

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



56.3266, 0.3571, 0.3643



92.9787, 0.3255, 0.3399



45.3120, 0.3414, 0.2989



19.6287, 0.3281, 0.3420



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.



56.3266, 0.3571, 0.3643



75.7934, 0.3678, 0.3718



68.1388, 0.3491, 0.3918



14.2223, 0.3278, 0.3418



17.0339, 0.5269, 0.4199



1.2750, 0.5046, 0.4375

Inverse Universe

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



49.4069, 0.2726, 0.2909



64.4767, 0.2640, 0.2819



39.7473, 0.2711, 0.2581



13.5876, 0.2982, 0.3159



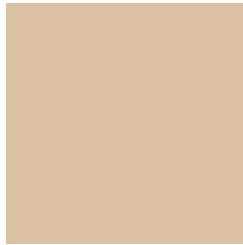
8.6027, 0.1733, 0.1438



0.7281, 0.1820, 0.1750

Previews

White Background



This preview shows how the Yxy color 56.3240, 0.3571, 0.3643 looks on a white background.

Color Contrast Check

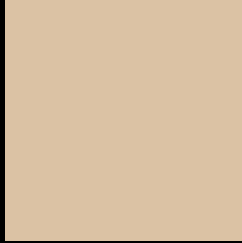
Large Text (above 18pt) WCAG AA × Fail

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 56.3240, 0.3571, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

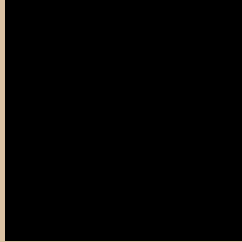
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3240, 0.3571, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 56.3240, 0.3571, 0.3643.



This preview shows how white text looks on a background with the Yxy color 56.3240, 0.3571, 0.3643.

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

56.3240, 0.3571, 0.3643

Protanopia

56.2410, 0.3462, 0.3664

Deuteranopia

56.2015, 0.3660, 0.3577



Tritanopia

56.1255, 0.3309, 0.3121

Trichromacy



Original Color

56.3240, 0.3571, 0.3643

Protanomaly

56.3426, 0.3506, 0.3660

Deuteranomaly

55.9858, 0.3623, 0.3591

Tritanomaly

56.0306, 0.3402, 0.3302

Monochromacy



Original Color

56.3240, 0.3571, 0.3643

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5995, 0.3282, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3240, 0.3571, 0.3643 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(219, 194, 164)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 164)  
}
```

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(219, 194, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 164) }
```

Border

The CSS property to change the border of an element to Yxy 56.3240, 0.3571, 0.3643 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(219, 194, 164) }
```

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

```
.border{ border-color:rgb(219, 194, 164) }
```

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

Here you see how a box with a 4 pixel rgb(219, 194, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 164);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3240, 0.3571, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 164) }
```

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

```
.background{ background-color: rgb(219,  
194, 164) }
```

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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