

Converting Colors

Yxy(56.6813, 0.3530, 0.3583)

Have a look what the booklet for
Yxy(56.6813, 0.3530, 0.3583)
contains.

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Color

Yxy(56.5082, 0.3530, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2A9
RGB	219, 194, 169
RGB Percent	86%, 76%, 66%
CMY	0.1413, 0.2391, 0.3373
CMYK	0.00, 0.11, 0.23, 0.14
HSL	30°, 41%, 76%
HSV	30°, 23%, 86%
XYZ	55.6568, 56.5082, 45.5030
YIQ	198.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

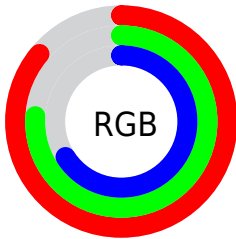
Format	Color
RYB	219, 219, 169
Decimal	14402217
CIELab	79.90, 4.94, 15.82
CIElCh	80, 16.573, 72.669
Yxy	56.5082, 0.3530, 0.3584
Android (android.graphics.Color)	4292592297 (0xFFDBC2A9)
YUV	198.6250, -14.6051, 17.8689
Hunter-Lab	75.1719, 0.6093, 16.7310

Details

The Yxy color **56.5082, 0.3530, 0.3584** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0978, 0.2767, 0.2977**, and the grayscale version is **56.9511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0130, 0.3316, 0.3544**, and **27.9330, 0.3643, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **51.0686, 0.3746, 0.3720**, and if you desaturate by 10%, it is **62.4484, 0.3339, 0.3451**.

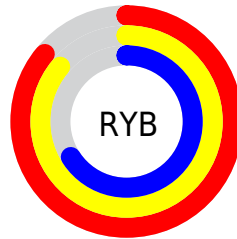
Distribution



Red (86%)

Green (76%)

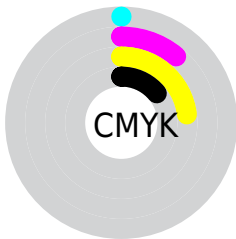
Blue (66%)



Red (86%)

Yellow (86%)

Blue (66%)

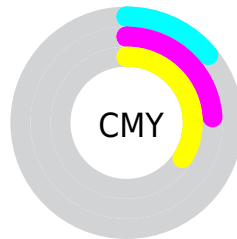


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (14%)



Cyan (14%)

Magenta (24%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5082, 0.3530, 0.3584 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 56.5082, 0.3530, 0.3584 by changing the saturation by 10% instead.


 56.5082, 0.3530,
0.3584

 56.5082, 0.3530,
0.3584


411.6039, 0.3334,
0.3444

 40.6105, 0.3577,
0.3617


 99.7472, 0.3460,
0.3535

 28.0149, 0.3636,
0.3658


127.8574, 0.3434,
0.3516

 18.3369, 0.3713,
0.3710


160.8071, 0.3411,
0.3500

 11.1921, 0.3818,
0.3779

198.9809, 0.3391,
0.3485

 6.1962, 0.3965,
0.3874

242.7631, 0.3374,
0.3473

 2.9648, 0.4188,
0.4010

292.5380, 0.3359,

 1.1134, 0.5008,

0.3462

0.4628

348.6902, 0.3346,
0.3453

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5082, 0.3530,
0.3584

56.5082, 0.3530,
0.3584

51.0686, 0.3746,
0.3720

62.4484, 0.3339,
0.3451

46.1074, 0.3986,
0.3853

68.8952, 0.3171,
0.3324

41.6118, 0.4247,
0.3976

75.8645, 0.3024,
0.3206

37.5655, 0.4521,
0.4077

83.2672, 0.2905,
0.3112

■ 33.9508, 0.4796,
0.4144

■ 89.8153, 0.2909,
0.3225

■ 30.7482, 0.5055,
0.4164

■ 93.7940, 0.2911,
0.3289

■ 27.9358, 0.5280,
0.4130

■ 26.1374, 0.5421,
0.4078

Harmonies

Analogous

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



56.5082, 0.3553, 0.3426



56.5082, 0.3530, 0.3584



56.5082, 0.3396, 0.3669

Triad

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



56.5082, 0.3530, 0.3584



56.5082, 0.2806, 0.3327



56.5082, 0.3050, 0.2960

Complementary

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



56.5082, 0.3530, 0.3584



52.0978, 0.2767, 0.2977

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.



56.5082, 0.2856, 0.2927



56.5082, 0.3530, 0.3584



56.5082, 0.2719, 0.3130

Square

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



56.5082, 0.3530, 0.3584



56.5082, 0.2977, 0.3522



56.5082, 0.2738, 0.2986



56.5082, 0.3270, 0.3074

Rectangle

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



56.5082, 0.3530, 0.3584



56.5082, 0.3265, 0.3668



56.5082, 0.2738, 0.2986



56.5082, 0.2979, 0.2940

Sweetspot

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



56.5108, 0.3530, 0.3584



93.3504, 0.3239, 0.3377



47.3192, 0.3366, 0.2999



19.8618, 0.3249, 0.3385



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.



56.5108, 0.3530, 0.3584



76.3337, 0.3622, 0.3644



68.5609, 0.3470, 0.3857



14.1238, 0.3279, 0.3407



15.7236, 0.5398, 0.4096



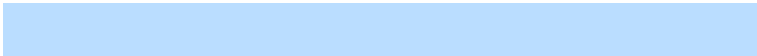
1.1910, 0.5149, 0.4293

Inverse Universe

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



52.0978, 0.2767, 0.2977



69.1333, 0.2694, 0.2908



41.9174, 0.2741, 0.2652



13.6855, 0.2982, 0.3170



9.7749, 0.1773, 0.1582



0.8056, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 56.5082, 0.3530, 0.3584 looks on a white background.

Color Contrast Check

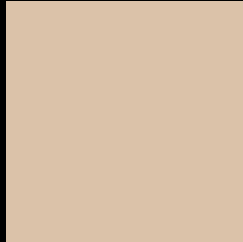
Large Text (above 18pt) WCAG AA × Fail

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 56.5082, 0.3530, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

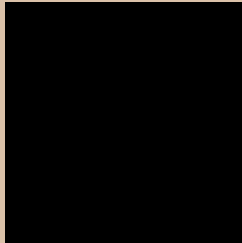
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5082, 0.3530, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 56.5082, 0.3530, 0.3584.



This preview shows how white text looks on a background with the Yxy color 56.5082, 0.3530, 0.3584.

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

56.5082, 0.3530, 0.3584

Protanopia

56.7383, 0.3412, 0.3615

Deuteranopia

56.6579, 0.3607, 0.3531



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.5082, 0.3530, 0.3584

Protanomaly

56.8318, 0.3456, 0.3612

Deuteranomaly

56.6091, 0.3579, 0.3544

Tritanomaly

56.5528, 0.3384, 0.3291

Monochromacy



Original Color

56.5082, 0.3530, 0.3584

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6852, 0.3267, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5082, 0.3530, 0.3584 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 169) }
```

Border

The CSS property to change the border of an element to Yxy 56.5082, 0.3530, 0.3584 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, 169) }
```

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

```
.border{ border-color:rgb(219, 194, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 194, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 194, 169); box-shadow:4px 4px 4px 4px rgb(219, 194, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5082, 0.3530, 0.3584 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, 169) }
```

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

```
.background{ background-color: rgb(219,  
194, 169) }
```

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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