

Converting Colors

Yxy(60.7631, 0.3350, 0.3548)

Have a look what the booklet for
Yxy(60.7631, 0.3350, 0.3548)
contains.

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Color

Yxy(60.5602, 0.3351, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	D4CCB6
RGB	212, 204, 182
RGB Percent	83%, 80%, 71%
CMY	0.1684, 0.2000, 0.2863
CMYK	0.00, 0.04, 0.14, 0.17
HSL	44°, 26%, 77%
HSV	44°, 14%, 83%
XYZ	57.1976, 60.5602, 52.9304
YIQ	203.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

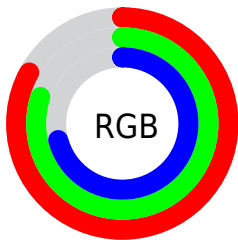
Format	Color
RYB	193, 212, 182
Decimal	13946038
CIELab	82.14, -0.89, 11.95
CIELCh	82, 11.985, 94.264
Yxy	60.5602, 0.3351, 0.3548
Android (android.graphics.Color)	4292136118 (0xFFD4CCB6)
YUV	203.8840, -10.7888, 7.1177
Hunter-Lab	77.8204, -4.9891, 14.1476

Details

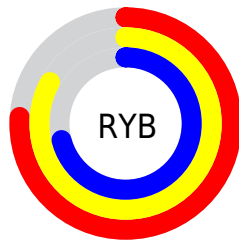
The Yxy color **60.5602, 0.3351, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5529, 0.2904, 0.3018**, and the grayscale version is **60.3753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **30.5658, 0.3405, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **57.0979, 0.3525, 0.3738**, and if you desaturate by 10%, it is **64.2593, 0.3190, 0.3364**.

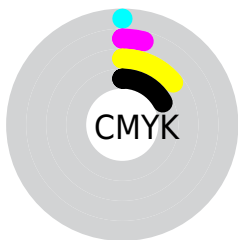
Distribution



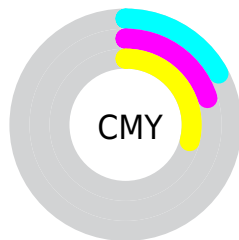
- Red (83%)
- Green (80%)
- Blue (71%)



- Red (76%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5602, 0.3351, 0.3548 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 60.5602, 0.3351, 0.3548 by changing the saturation by 10% instead.


 60.5602, 0.3351,
0.3548

 60.5602, 0.3351,
0.3548


426.6596, 0.3244,
0.3424

 43.8703, 0.3376,
0.3577


 105.6419, 0.3313,
0.3504

 30.5686, 0.3408,
0.3614


134.8025, 0.3299,
0.3488

 20.2706, 0.3449,
0.3662


168.8888, 0.3286,
0.3473

 12.5919, 0.3503,
0.3725

208.2852, 0.3276,
0.3461

 7.1481, 0.3580,
0.3815

253.3761, 0.3266,
0.3450

 3.5549, 0.3694,
0.3950

304.5458, 0.3258,

 1.4278, 0.3924,

0.3440

0.4220

362.1789, 0.3251,
0.3432

0.2371, 0.4620,
0.5380

0.0000, 0.0000,
0.0000

60.5602, 0.3351,
0.3548

60.5602, 0.3351,
0.3548

57.0979, 0.3525,
0.3738

64.2593, 0.3190,
0.3364

53.8574, 0.3710,
0.3929

68.1937, 0.3043,
0.3189

50.8338, 0.3901,
0.4113

72.3725, 0.2911,
0.3026

48.0193, 0.4094,
0.4283

76.0166, 0.2858,
0.2992

45.4049, 0.4280,
0.4426

79.1736, 0.2861,
0.3053

42.9810, 0.4450,
0.4532

82.4342, 0.2864,
0.3113

40.7364, 0.4596,
0.4593

85.7995, 0.2866,
0.3173

38.6580, 0.4711,
0.4605

89.2702, 0.2869,
0.3232

37.5102, 0.4768,
0.4596

92.7441, 0.2872,
0.3289

Harmonies

Analogous

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



60.5602, 0.3424, 0.3473



60.5602, 0.3351, 0.3548



60.5602, 0.3218, 0.3553

Triad

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



60.5602, 0.3351, 0.3548



60.5602, 0.2847, 0.3216



60.5602, 0.3186, 0.3108

Complementary

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



60.5602, 0.3351, 0.3548



51.5529, 0.2904, 0.3018

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.



60.5602, 0.3031, 0.3041



60.5602, 0.3351, 0.3548



60.5602, 0.2838, 0.3099

Square

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



60.5602, 0.3351, 0.3548



60.5602, 0.2928, 0.3358



60.5602, 0.2905, 0.3037



60.5602, 0.3328, 0.3221

Rectangle

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



60.5602, 0.3351, 0.3548



60.5602, 0.3115, 0.3514



60.5602, 0.2905, 0.3037



60.5602, 0.3134, 0.3080

Sweetspot

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



60.5629, 0.3351, 0.3548



97.6278, 0.3188, 0.3362



51.2007, 0.3317, 0.3189



20.8023, 0.3200, 0.3375



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.



60.5629, 0.3351, 0.3548



90.3226, 0.3402, 0.3605



63.5436, 0.3288, 0.3644



13.9304, 0.3273, 0.3460



23.3183, 0.4758, 0.4604



1.5395, 0.4639, 0.4698

Inverse Universe

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



51.5529, 0.2904, 0.3018



74.0867, 0.2854, 0.2954



48.9687, 0.2952, 0.2922



12.5450, 0.2982, 0.3114



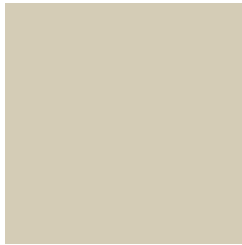
4.8738, 0.1593, 0.0935



0.4309, 0.1688, 0.1278

Previews

White Background



This preview shows how the Yxy color 60.5602, 0.3351, 0.3548 looks on a white background.

Color Contrast Check

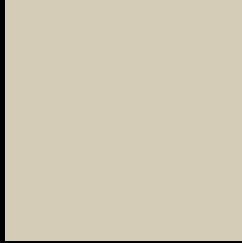
Large Text (above 18pt) WCAG AA × Fail

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 60.5602, 0.3351, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

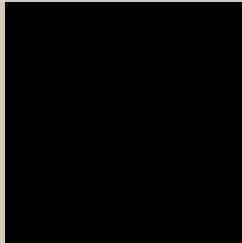
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

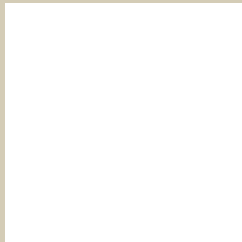
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5602, 0.3351, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 60.5602, 0.3351, 0.3548.

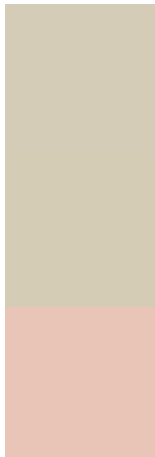


This preview shows how white text looks on a background with the Yxy color 60.5602, 0.3351, 0.3548.

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

60.5602, 0.3351, 0.3548

Protanopia

60.7093, 0.3359, 0.3548

Deuteranopia

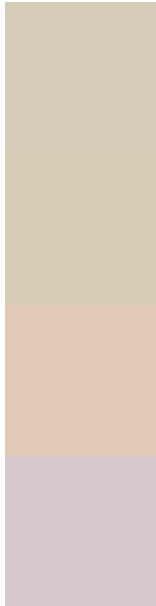
60.5072, 0.3520, 0.3447



Tritanopia

60.5049, 0.3151, 0.3110

Trichromacy



Original Color

60.5602, 0.3351, 0.3548

Protanomaly

60.7093, 0.3359, 0.3548

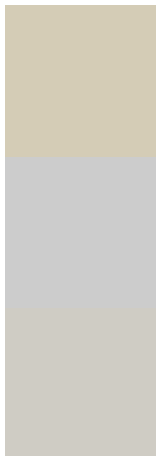
Deuteranomaly

60.7350, 0.3456, 0.3484

Tritanomaly

60.5322, 0.3222, 0.3267

Monochromacy



Original Color

60.5602, 0.3351, 0.3548

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4367, 0.3208, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5602, 0.3351, 0.3548 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(212, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 182)  
}
```

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(212, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 182) }
```

Border

The CSS property to change the border of an element to Yxy 60.5602, 0.3351, 0.3548 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(212, 204, 182) }
```

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

```
.border{ border-color:rgb(212, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5602, 0.3351, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 182) }
```

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

```
.background{ background-color: rgb(212,  
204, 182) }
```

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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