

Converting Colors

Yxy(50.2028, 0.3585, 0.3647)

Have a look what the booklet for
Yxy(50.2028, 0.3585, 0.3647)
contains.

Yxy(50.2028, 0.3585, 0.3647)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2028, 0.3585, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	D1B89B
RGB	209, 184, 155
RGB Percent	82%, 72%, 61%
CMY	0.1804, 0.2784, 0.3921
CMYK	0.00, 0.12, 0.26, 0.18
HSL	32°, 37%, 71%
HSV	32°, 26%, 82%
XYZ	49.3493, 50.2028, 38.1029
YIQ	188.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

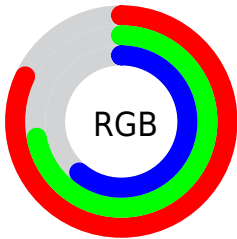
Format	Color
R_{YB}	202, 209, 155
Decimal	13744283
CIE _{Lab}	76.19, 4.48, 18.02
CIE _{LCh}	76, 18.565, 76.027
Yxy	50.2028, 0.3585, 0.3647
Android (android.graphics.Color)	4291934363 (0xFFD1B89B)
YUV	188.1690, -16.3523, 18.2688
Hunter-Lab	70.8539, 0.3298, 17.7135

Details

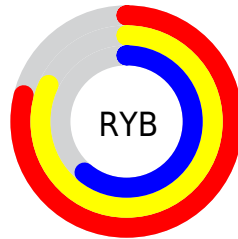
The Yxy color **50.2028, 0.3585, 0.3647** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.2104, 0.2716, 0.2904**, and the grayscale version is **50.4756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2333, 0.3418, 0.3589**, and **24.1021, 0.3710, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **45.6806, 0.3802, 0.3791**, and if you desaturate by 10%, it is **55.1258, 0.3390, 0.3504**.

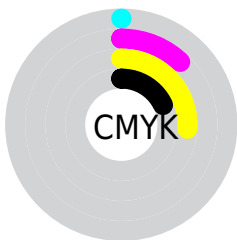
Distribution



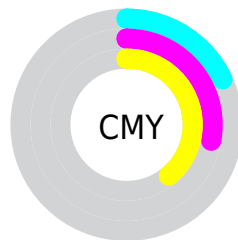
- Red (82%)
- Green (72%)
- Blue (61%)



- Red (79%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2028, 0.3585, 0.3647 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 50.2028, 0.3585, 0.3647 by changing the saturation by 10% instead.


 50.2028, 0.3585,
0.3647


 50.2028, 0.3585,
0.3647


387.4585, 0.3358,
0.3474

 35.5746, 0.3641,
0.3689


 90.4753, 0.3503,
0.3585

 24.1058, 0.3711,
0.3741


 116.8883, 0.3472,
0.3562

 15.4121, 0.3804,
0.3808


147.9984, 0.3446,
0.3542

 9.1091, 0.3931,
0.3898

184.1899, 0.3424,
0.3524

 4.8124, 0.4113,
0.4022

225.8473, 0.3404,
0.3509

 2.1376, 0.4413,
0.4220

273.3549, 0.3387,

 0.6857, 0.5261,

0.3496

0.4739

327.0972, 0.3372,
0.3484

0.0000, 0.0000,
0.0000

50.2028, 0.3585,
0.3647

50.2028, 0.3585,
0.3647

45.6806, 0.3802,
0.3791

55.1258, 0.3390,
0.3504

41.5407, 0.4039,
0.3931

60.4539, 0.3218,
0.3367

37.7728, 0.4291,
0.4057

66.1999, 0.3066,
0.3237

34.3638, 0.4551,
0.4157

72.3740, 0.2933,
0.3117

31.2990, 0.4804,
0.4220

78.6924, 0.2842,
0.3051

■ 28.5623, 0.5036,
0.4234

■ 84.2993, 0.2847,
0.3154

■ 26.1351, 0.5233,
0.4193

■ 90.2107, 0.2853,
0.3255

■ 25.2029, 0.5309,
0.4166

■ 92.2936, 0.2855,
0.3289

Harmonies

Analogous

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



50.2028, 0.3629, 0.3469



50.2028, 0.3585, 0.3647



50.2028, 0.3416, 0.3737

Triad

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



50.2028, 0.3585, 0.3647



50.2028, 0.2737, 0.3305



50.2028, 0.3064, 0.2919

Complementary

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



50.2028, 0.3585, 0.3647



44.2104, 0.2716, 0.2904

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.



50.2028, 0.2833, 0.2869



50.2028, 0.3585, 0.3647



50.2028, 0.2651, 0.3079

Square

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



50.2028, 0.3585, 0.3647



50.2028, 0.2926, 0.3538



50.2028, 0.2685, 0.2923



50.2028, 0.3321, 0.3059

Rectangle

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



50.2028, 0.3585, 0.3647



50.2028, 0.3259, 0.3728



50.2028, 0.2685, 0.2923



50.2028, 0.2981, 0.2891

Sweetspot

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



50.2051, 0.3585, 0.3647



92.8790, 0.3255, 0.3397



40.3028, 0.3422, 0.2981



19.6035, 0.3281, 0.3418



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.



50.2051, 0.3585, 0.3647



74.7528, 0.3702, 0.3727



61.2546, 0.3500, 0.3934



12.8451, 0.3277, 0.3415



15.7406, 0.5289, 0.4183



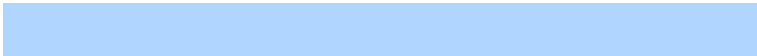
1.0381, 0.5034, 0.4385

Inverse Universe

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



44.2104, 0.2716, 0.2904



63.7974, 0.2624, 0.2808



35.1975, 0.2699, 0.2561



12.3064, 0.2982, 0.3162



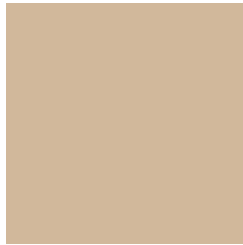
8.2705, 0.1741, 0.1468



0.6204, 0.1838, 0.1817

Previews

White Background



This preview shows how the Yxy color 50.2028, 0.3585, 0.3647 looks on a white background.

Color Contrast Check

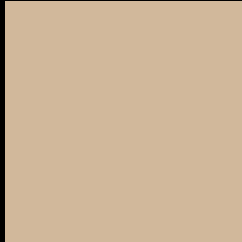
Large Text (above 18pt) WCAG AA × Fail

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 50.2028, 0.3585, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

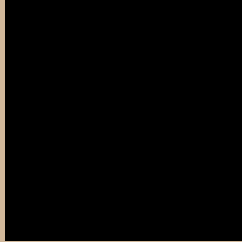
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

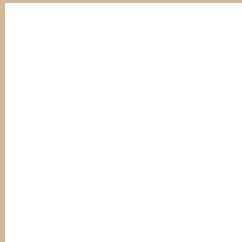
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2028, 0.3585, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 50.2028, 0.3585, 0.3647.



This preview shows how white text looks on a background with the Yxy color 50.2028, 0.3585, 0.3647.

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

50.2028, 0.3585, 0.3647

Protanopia

50.4065, 0.3459, 0.3682

Deuteranopia

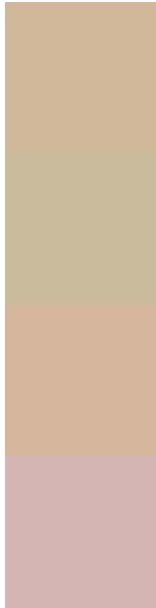
50.1998, 0.3658, 0.3591



Tritanopia

50.2366, 0.3308, 0.3125

Trichromacy



Original Color

50.2028, 0.3585, 0.3647

Protanomaly

50.4975, 0.3506, 0.3678

Deuteranomaly

50.1523, 0.3628, 0.3606

Tritanomaly

50.2995, 0.3415, 0.3315

Monochromacy



Original Color

50.2028, 0.3585, 0.3647

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4110, 0.3290, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2028, 0.3585, 0.3647 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(209, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 155)  
}
```

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(209, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.2028, 0.3585, 0.3647 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(209, 184, 155) }
```

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

```
.border{ border-color:rgb(209, 184, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(209, 184,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2028, 0.3585, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 155) }
```

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

```
.background{ background-color: rgb(209,  
184, 155) }
```

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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