

Converting Colors

Yxy(50.2885, 0.3417, 0.3540)

Have a look what the booklet for
Yxy(50.2885, 0.3417, 0.3540)
contains.

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Color

Yxy(50.2885, 0.3417, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	C9BAA6
RGB	201, 186, 166
RGB Percent	79%, 73%, 65%
CMY	0.2115, 0.2706, 0.3490
CMYK	0.00, 0.07, 0.17, 0.21
HSL	34°, 25%, 72%
HSV	34°, 17%, 79%
XYZ	48.5412, 50.2885, 43.2282
YIQ	188.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

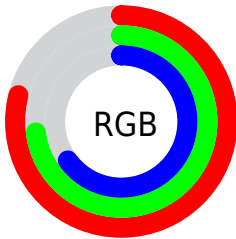
Format	Color
RYB	192, 201, 166
Decimal	13220518
CIELab	76.25, 2.05, 12.05
CIELCh	76, 12.224, 80.341
Yxy	50.2885, 0.3417, 0.3540
Android (android.graphics.Color)	4291410598 (0xFFC9BAA6)
YUV	188.2050, -10.9471, 11.2212
Hunter-Lab	70.9144, -1.9162, 13.4979

Details

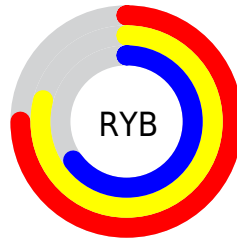
The Yxy color **50.2885, 0.3417, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4084, 0.2854, 0.3027**, and the grayscale version is **50.4739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9847, 0.3344, 0.3498**, and **24.1930, 0.3501, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **46.0764, 0.3611, 0.3691**, and if you desaturate by 10%, it is **54.8409, 0.3243, 0.3394**.

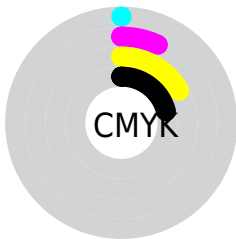
Distribution



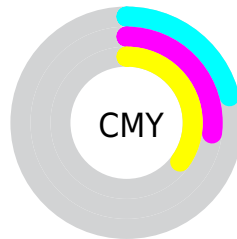
- Red (79%)
- Green (73%)
- Blue (65%)



- Red (75%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (21%)





- Cyan (21%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2885, 0.3417, 0.3540 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 50.2885, 0.3417, 0.3540 by changing the saturation by 10% instead.

 50.2885, 0.3417,
0.3540


 50.2885, 0.3417,
0.3540


387.7931, 0.3274,
0.3417

 35.6427, 0.3452,
0.3570


 90.6022, 0.3365,
0.3496

 24.1584, 0.3497,
0.3608


 117.0388, 0.3346,
0.3479

 15.4511, 0.3557,
0.3657


148.1746, 0.3329,
0.3465

 9.1366, 0.3638,
0.3725

184.3938, 0.3315,
0.3453

 4.8304, 0.3758,
0.3823

226.0808, 0.3303,
0.3442

 2.1481, 0.3947,
0.3974

273.6201, 0.3292,

 0.6915, 0.5057,

0.3433

0.4943

327.3961, 0.3282,
0.3425

0.0000, 0.0000,
0.0000

50.2885, 0.3417,
0.3540

50.2885, 0.3417,
0.3540

46.0764, 0.3611,
0.3691

54.8409, 0.3243,
0.3394

42.1886, 0.3825,
0.3843

59.7357, 0.3089,
0.3255

38.6177, 0.4056,
0.3989

64.9834, 0.2954,
0.3126

35.3532, 0.4298,
0.4118

70.5921, 0.2834,
0.3007

32.3841, 0.4543,
0.4221

75.8039, 0.2792,
0.3013

■ 29.6981, 0.4778,
0.4284

■ 80.7146, 0.2798,
0.3107

■ 27.2815, 0.4989,
0.4297

■ 85.8669, 0.2805,
0.3200

■ 25.1166, 0.5167,
0.4259

■ 91.1655, 0.2811,
0.3289

■ 24.5951, 0.5210,
0.4245

Harmonies

Analogous

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



50.2885, 0.3457, 0.3431



50.2885, 0.3417, 0.3540



50.2885, 0.3298, 0.3584

Triad

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



50.2885, 0.3417, 0.3540



50.2885, 0.2855, 0.3280



50.2885, 0.3112, 0.3052

Complementary

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



50.2885, 0.3417, 0.3540



45.4084, 0.2854, 0.3027

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.



50.2885, 0.2953, 0.3009



50.2885, 0.3417, 0.3540



50.2885, 0.2808, 0.3135

Square

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



50.2885, 0.3417, 0.3540



50.2885, 0.2974, 0.3432



50.2885, 0.2843, 0.3038



50.2885, 0.3278, 0.3154

Rectangle

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



50.2885, 0.3417, 0.3540



50.2885, 0.3192, 0.3567



50.2885, 0.2843, 0.3038



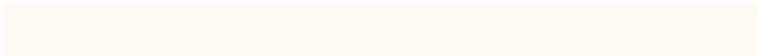
50.2885, 0.3056, 0.3030

Sweetspot

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



50.2907, 0.3417, 0.3540



95.7573, 0.3205, 0.3360



43.0455, 0.3320, 0.3100



20.3710, 0.3217, 0.3370



0.0000, 0.0000, 0.0000



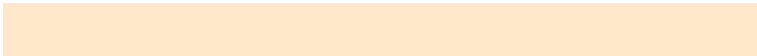
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.2907, 0.3417, 0.3540



83.1956, 0.3489, 0.3598



56.6577, 0.3367, 0.3722



11.6235, 0.3276, 0.3422



15.6396, 0.5192, 0.4260



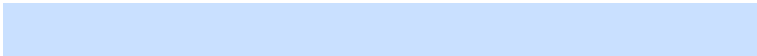
0.8824, 0.4929, 0.4468

Inverse Universe

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



45.4084, 0.2854, 0.3027



73.2687, 0.2790, 0.2961



39.8582, 0.2863, 0.2824



11.0250, 0.2983, 0.3155



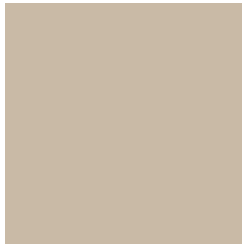
7.0546, 0.1714, 0.1369



0.4772, 0.1828, 0.1782

Previews

White Background



This preview shows how the Yxy color 50.2885, 0.3417, 0.3540 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 50.2885, 0.3417, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

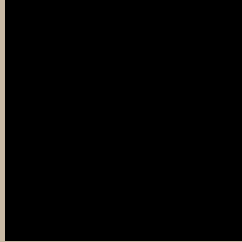
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

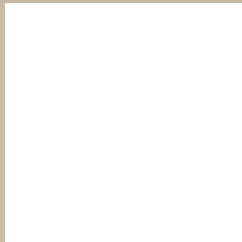
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2885, 0.3417, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 50.2885, 0.3417, 0.3540.



This preview shows how white text looks on a background with the Yxy color 50.2885, 0.3417, 0.3540.

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

50.2885, 0.3417, 0.3540

Protanopia

50.0664, 0.3362, 0.3543

Deuteranopia

50.1339, 0.3536, 0.3460



Tritanopia

50.4206, 0.3211, 0.3122

Trichromacy



Original Color

50.2885, 0.3417, 0.3540

Protanomaly

50.3364, 0.3380, 0.3542

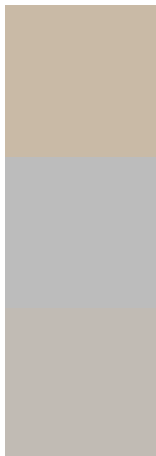
Deuteranomaly

50.2123, 0.3486, 0.3486

Tritanomaly

50.2071, 0.3291, 0.3266

Monochromacy



Original Color

50.2885, 0.3417, 0.3540

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1734, 0.3232, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2885, 0.3417, 0.3540 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(201, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 166)  
}
```

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(201, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 166) }
```

Border

The CSS property to change the border of an element to Yxy 50.2885, 0.3417, 0.3540 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(201, 186, 166) }
```

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

```
.border{ border-color:rgb(201, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 186, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 186, 166); box-shadow:4px 4px 4px 4px rgb(201, 186, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2885, 0.3417, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 166) }
```

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

```
.background{ background-color: rgb(201,  
186, 166) }
```

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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