

Converting Colors

$Yxy(50.3388, 0.3481, 0.3884)$

Have a look what the booklet for
Yxy(50.3388, 0.3481, 0.3884)
contains.

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Color

Yxy(50.2531, 0.3477, 0.3885)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BEBF91 |
| RGB | 190, 191, 145 |
| RGB Percent | 75%, 75%, 57% |
| CMY | 0.2549, 0.2510, 0.4313 |
| CMYK | 0.01, 0.00, 0.24, 0.25 |
| HSL | 61°, 26%, 66% |
| HSV | 61°, 24%, 75% |
| XYZ | 44.9756, 50.2531, 34.1230 |
| YIQ | 185.4570, 14.1700, -14.5180 |

Conversions

Conversions Part 2

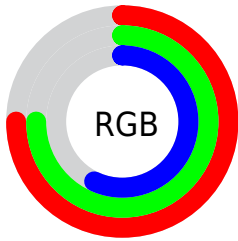
| Format | Color |
|-------------------------------------|---|
| RYB | 145, 191, 146 |
| Decimal | 12500881 |
| CIELab | 76.22, -7.89, 23.16 |
| CIELCh | 76, 24.465, 108.818 |
| Yxy | 50.2531, 0.3477, 0.3885 |
| Android (android.graphics.Color) | 4290690961 (0xFFBEBF91) |
| YUV | 185.4570, -19.9453, 3.9842 |
| Hunter-Lab | 70.8894, -10.8078, 21.0831 |

Details

The Yxy color **50.2531, 0.3477, 0.3885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1315, 0.2730, 0.2621**, and the grayscale version is **48.8918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4192, 0.3421, 0.3775**, and **24.2194, 0.3566, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **49.6603, 0.3621, 0.4132**, and if you desaturate by 10%, it is **50.9496, 0.3330, 0.3635**.

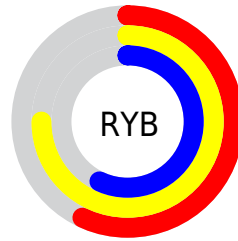
Distribution



Red (75%)

Green (75%)

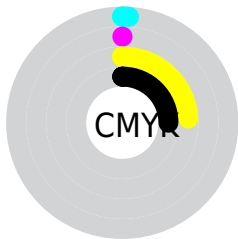
Blue (57%)



Red (57%)

Yellow (75%)

Blue (57%)

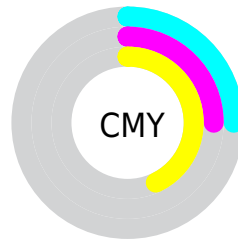


Cyan (1%)

Magenta (0%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2531, 0.3477, 0.3885 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 50.2531, 0.3477, 0.3885 by changing the saturation by 10% instead.


 50.2531, 0.3477,
0.3885


 50.2531, 0.3477,
0.3885

387.6549, 0.3308,
0.3587

 35.6145, 0.3517,
0.3959


 90.5498, 0.3417,
0.3777

 24.1366, 0.3567,
0.4053


 116.9767, 0.3394,
0.3737

 15.4350, 0.3630,
0.4177

148.1018, 0.3375,
0.3702

 9.1253, 0.3713,
0.4347

184.3096, 0.3358,
0.3673

 4.8230, 0.3822,
0.4593

225.9844, 0.3343,
0.3647

 2.1438, 0.4080,
0.5116

273.5106, 0.3330,

 0.6891, 0.4015,

0.3625

0.5985

327.2726, 0.3318,
0.3605

0.0000, 0.0000,
0.0000

50.2531, 0.3477,
0.3885

50.2531, 0.3477,
0.3885

49.6603, 0.3621,
0.4132

50.9496, 0.3330,
0.3635

49.1595, 0.3757,
0.4367

51.7477, 0.3185,
0.3388

48.7477, 0.3880,
0.4579

52.6540, 0.3045,
0.3151


48.4188, 0.3983,
0.4761


53.6725, 0.2913,
0.2928


48.1663, 0.4063,
0.4904


54.8070, 0.2790,
0.2720

 47.9824, 0.4117,
0.5004

 55.7602, 0.2703,
0.2574

 47.8580, 0.4145,
0.5062

 55.8157, 0.2706,
0.2575

 47.8016, 0.4155,
0.5083

 55.8713, 0.2709,
0.2575

 55.9272, 0.2712,
0.2576

Harmonies

Analogous

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



50.2531, 0.3715, 0.3772



50.2531, 0.3477, 0.3885



50.2531, 0.3153, 0.3825

Triad

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



50.2531, 0.3477, 0.3885



50.2531, 0.2504, 0.2983



50.2531, 0.3411, 0.3010

Complementary

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



50.2531, 0.3477, 0.3885



30.1315, 0.2730, 0.2621

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.



50.2531, 0.3073, 0.2822



50.2531, 0.3477, 0.3885



50.2531, 0.2563, 0.2796

Square

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



50.2531, 0.3477, 0.3885



50.2531, 0.2600, 0.3275



50.2531, 0.2766, 0.2743



50.2531, 0.3680, 0.3267

Rectangle

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



50.2531, 0.3477, 0.3885



50.2531, 0.2934, 0.3686



50.2531, 0.2766, 0.2743



50.2531, 0.3301, 0.2937

Sweetspot

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



50.2553, 0.3477, 0.3885



92.2190, 0.3229, 0.3462



33.6127, 0.3619, 0.3302



20.2309, 0.3237, 0.3477



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.2553, 0.3477, 0.3885



89.4050, 0.3555, 0.4019



47.5518, 0.3279, 0.3925



11.1095, 0.3261, 0.3517



31.4168, 0.4155, 0.5083



1.2341, 0.4165, 0.5075

Inverse Universe

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



30.1315, 0.2730, 0.2621



47.0097, 0.2626, 0.2446



32.4279, 0.2940, 0.2659



9.2352, 0.2987, 0.3053



2.4947, 0.1508, 0.0605



0.1012, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 50.2531, 0.3477, 0.3885 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 50.2531, 0.3477, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

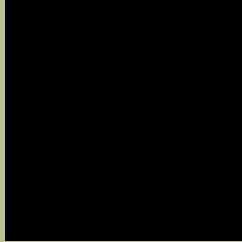
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

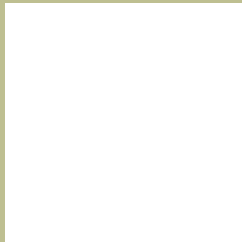
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2531, 0.3477, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 50.2531, 0.3477, 0.3885.



This preview shows how white text looks on a background with the Yxy color 50.2531, 0.3477, 0.3885.

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

50.2531, 0.3477, 0.3885

Protanopia

50.3671, 0.3600, 0.3856

Deuteranopia

49.9647, 0.3768, 0.3684



Tritanopia

50.2285, 0.3127, 0.3119

Trichromacy



Original Color

50.2531, 0.3477, 0.3885

Protanomaly

50.2791, 0.3553, 0.3862

Deuteranomaly

49.9116, 0.3661, 0.3758

Tritanomaly

50.2647, 0.3249, 0.3391

Monochromacy



Original Color

50.2531, 0.3477, 0.3885

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0077, 0.3260, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2531, 0.3477, 0.3885 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(190, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 145)  
}
```

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(190, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 145) }
```

Border

The CSS property to change the border of an element to Yxy 50.2531, 0.3477, 0.3885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

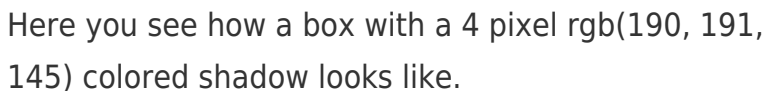
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 191, 145) }
```

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

```
.border{ border-color:rgb(190, 191, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 191, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 191, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 191, 145); box-shadow:4px 4px 4px 4px rgb(190, 191, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2531, 0.3477, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 145) }
```

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

```
.background{ background-color: rgb(190,  
191, 145) }
```

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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