

Converting Colors

Yxy(50.9097, 0.3288, 0.3585)

Have a look what the booklet for
Yxy(50.9097, 0.3288, 0.3585)
contains.

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Color

Yxy(50.9076, 0.3288, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	BDBFA8
RGB	189, 191, 168
RGB Percent	74%, 75%, 66%
CMY	0.2587, 0.2510, 0.3412
CMYK	0.01, 0.00, 0.12, 0.25
HSL	65°, 15%, 70%
HSV	65°, 12%, 75%
XYZ	46.6902, 50.9076, 44.4039
YIQ	187.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

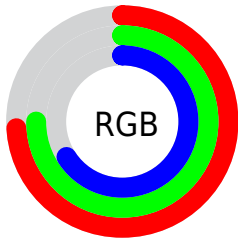
Format	Color
RYB	168, 191, 170
Decimal	12435368
CIELab	76.62, -4.72, 11.38
CIELCh	77, 12.320, 112.527
Yxy	50.9076, 0.3288, 0.3585
Android (android.graphics.Color)	4290625448 (0xFFBDBFA8)
YUV	187.7800, -9.7515, 1.0699
Hunter-Lab	71.3496, -8.0538, 13.0460

Details

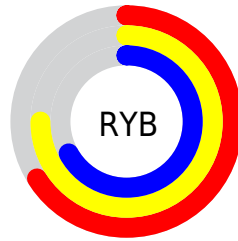
The Yxy color $50.9076, 0.3288, 0.3585$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.3021, 0.2956, 0.2980$, and the grayscale version is $50.2150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.2617, 0.3259, 0.3531$, and $24.6722, 0.3334, 0.3673$ is the 20% darker color. If you saturate the color by 10%, you get $50.0424, 0.3424, 0.3838$, and if you desaturate by 10%, it is $51.8841, 0.3154, 0.3339$.

Distribution



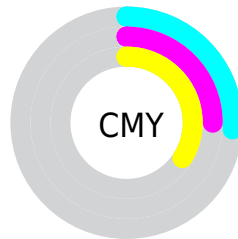
- Red (74%)
- Green (75%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (26%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9076, 0.3288, 0.3585 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 50.9076, 0.3288, 0.3585 by changing the saturation by 10% instead.


 50.9076, 0.3288,
0.3585


 50.9076, 0.3288,
0.3585


390.2047, 0.3210,
0.3438

 36.1351, 0.3307,
0.3621


 91.5182, 0.3260,
0.3532

 24.5385, 0.3331,
0.3668


 118.1250, 0.3249,
0.3512

 15.7336, 0.3362,
0.3730


149.4454, 0.3240,
0.3495

 9.3358, 0.3405,
0.3816

185.8638, 0.3232,
0.3480

 4.9609, 0.3466,
0.3943

227.7645, 0.3226,
0.3468

 2.2243, 0.3559,
0.4148

275.5320, 0.3220,

 0.7332, 0.4415,

0.3457

0.5565

329.5506, 0.3214,
0.3447

0.0000, 0.0000,
0.0000

50.9076, 0.3288,
0.3585

50.9076, 0.3288,
0.3585

50.0424, 0.3424,
0.3838

51.8841, 0.3154,
0.3339

49.2773, 0.3558,
0.4092

52.9696, 0.3025,
0.3105

48.6097, 0.3685,
0.4338

54.1703, 0.2903,
0.2886

48.0343, 0.3799,
0.4566

55.4900, 0.2789,
0.2684

47.5453, 0.3895,
0.4767

56.3738, 0.2735,
0.2580

■ 47.1361, 0.3969,
0.4931

■ 56.5950, 0.2746,
0.2583

■ 46.7995, 0.4017,
0.5054

■ 56.8186, 0.2758,
0.2585

■ 46.5264, 0.4040,
0.5132

■ 57.0446, 0.2769,
0.2587

■ 46.3411, 0.4044,
0.5171

■ 57.2729, 0.2780,
0.2589

Harmonies

Analogous

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



50.9076, 0.3412, 0.3547



50.9076, 0.3288, 0.3585



50.9076, 0.3123, 0.3540

Triad

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



50.9076, 0.3288, 0.3585



50.9076, 0.2807, 0.3126



50.9076, 0.3290, 0.3162

Complementary

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



50.9076, 0.3288, 0.3585



40.3021, 0.2956, 0.2980

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.



50.9076, 0.3124, 0.3057



50.9076, 0.3288, 0.3585



50.9076, 0.2848, 0.3033

Square

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



50.9076, 0.3288, 0.3585



50.9076, 0.2848, 0.3268



50.9076, 0.2963, 0.3009



50.9076, 0.3414, 0.3301

Rectangle

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



50.9076, 0.3288, 0.3585



50.9076, 0.3013, 0.3468



50.9076, 0.2963, 0.3009



50.9076, 0.3237, 0.3122

Sweetspot

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



50.9098, 0.3288, 0.3585



92.5615, 0.3181, 0.3388



42.6161, 0.3338, 0.3316



20.2956, 0.3191, 0.3406



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.



50.9098, 0.3288, 0.3585



90.8302, 0.3318, 0.3640



49.5012, 0.3192, 0.3594



11.0781, 0.3251, 0.3518



30.4736, 0.4046, 0.5169



1.2060, 0.4084, 0.5139

Inverse Universe

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



40.3021, 0.2956, 0.2980



68.7344, 0.2922, 0.2919



41.6351, 0.3056, 0.2989



9.2632, 0.2997, 0.3054



2.5613, 0.1532, 0.0618



0.1137, 0.1650, 0.0683

Previews

White Background



This preview shows how the Yxy color 50.9076, 0.3288, 0.3585 looks on a white background.

Color Contrast Check

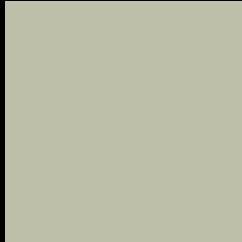
Large Text (above 18pt) WCAG AA × Fail

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 50.9076, 0.3288, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

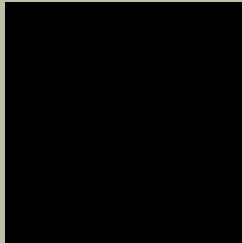
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

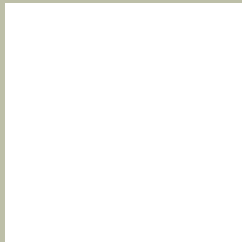
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9076, 0.3288, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 50.9076, 0.3288, 0.3585.



This preview shows how white text looks on a background with the Yxy color 50.9076, 0.3288, 0.3585.

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

50.9076, 0.3288, 0.3585

Protanopia

50.7622, 0.3378, 0.3554

Deuteranopia

50.6543, 0.3507, 0.3435



Tritanopia

50.8042, 0.3078, 0.3106

Trichromacy



Original Color

50.9076, 0.3288, 0.3585

Protanomaly

50.7873, 0.3350, 0.3569

Deuteranomaly

50.5416, 0.3429, 0.3488

Tritanomaly

50.8470, 0.3153, 0.3278

Monochromacy



Original Color

50.9076, 0.3288, 0.3585

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4228, 0.3180, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9076, 0.3288, 0.3585 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(189, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 168)  
}
```

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(189, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.9076, 0.3288, 0.3585 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(189, 191, 168) }
```

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

```
.border{ border-color:rgb(189, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 191,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9076, 0.3288, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 191, 168) }
```

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

```
.background{ background-color: rgb(189,  
191, 168) }
```

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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