

Converting Colors

$Yxy(50.0927, 0.3286, 0.3654)$

Have a look what the booklet for
Yxy(50.0927, 0.3286, 0.3654)
contains.

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Color

Yxy(50.0963, 0.3284, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFA3
RGB	184, 191, 163
RGB Percent	72%, 75%, 64%
CMY	0.2784, 0.2510, 0.3607
CMYK	0.04, 0.00, 0.15, 0.25
HSL	75°, 18%, 69%
HSV	75°, 15%, 75%
XYZ	45.0113, 50.0963, 41.9548
YIQ	185.7150, 4.8160, -10.1920

Conversions

Conversions Part 2

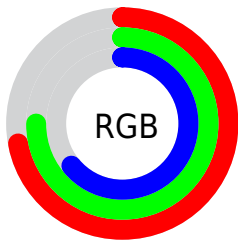
Format	Color
RYB	163, 191, 170
Decimal	12107683
CIELab	76.13, -7.37, 13.31
CIELCh	76, 15.213, 118.996
Yxy	50.0963, 0.3284, 0.3655
Android (android.graphics.Color)	4290297763 (0xFFB8BFA3)
YUV	185.7150, -11.1985, -1.5041
Hunter-Lab	70.7787, -10.3469, 14.4004

Details

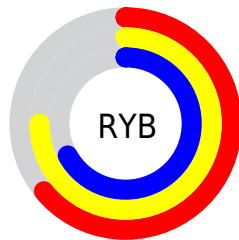
The Yxy color $50.0963, 0.3284, 0.3655$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.5092, 0.2955, 0.2912$, and the grayscale version is $48.9991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1087, 0.3256, 0.3585$, and $24.1499, 0.3329, 0.3771$ is the 20% darker color. If you saturate the color by 10%, you get $48.8850, 0.3391, 0.3919$, and if you desaturate by 10%, it is $51.4353, 0.3176, 0.3402$.

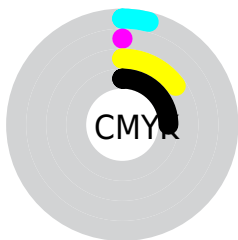
Distribution



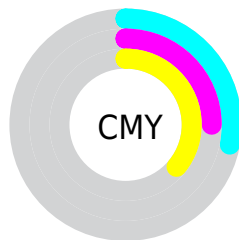
- Red (72%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0963, 0.3284, 0.3655 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 50.0963, 0.3284, 0.3655 by changing the saturation by 10% instead.

 50.0963, 0.3284,
0.3655

 50.0963, 0.3284,
0.3655


387.0424, 0.3208,
0.3472

 35.4899, 0.3302,
0.3701


 90.3175, 0.3257,
0.3588

 24.0405, 0.3325,
0.3760


 116.7012, 0.3247,
0.3563

 15.3637, 0.3355,
0.3838

147.7794, 0.3238,
0.3542

 9.0750, 0.3395,
0.3948


183.9365, 0.3230,
0.3524

 4.7901, 0.3450,
0.4111

225.5570, 0.3224,
0.3509

 2.1247, 0.3531,
0.4378

273.0252, 0.3218,

 0.6784, 0.4066,

0.3495

0.5934

326.7256, 0.3213,
0.3483

0.0000, 0.0000,
0.0000

50.0963, 0.3284,
0.3655

50.0963, 0.3284,
0.3655

48.8850, 0.3391,
0.3919

51.4353, 0.3176,
0.3402

47.7900, 0.3494,
0.4187

52.8999, 0.3071,
0.3165

46.8084, 0.3588,
0.4452

54.4965, 0.2971,
0.2946

45.9344, 0.3669,
0.4702

56.2294, 0.2876,
0.2744

45.1621, 0.3730,
0.4927

57.8736, 0.2810,
0.2595

■ 44.4844, 0.3768,
0.5116

■ 58.5753, 0.2844,
0.2602

■ 43.8934, 0.3781,
0.5261

■ 59.2981, 0.2878,
0.2609

■ 43.3795, 0.3769,
0.5359

■ 60.0420, 0.2912,
0.2615

■ 43.1262, 0.3757,
0.5399

■ 60.8072, 0.2947,
0.2622

Harmonies

Analogous

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



50.0963, 0.3454, 0.3627



50.0963, 0.3284, 0.3655



50.0963, 0.3076, 0.3577

Triad

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



50.0963, 0.3284, 0.3655



50.0963, 0.2734, 0.3054



50.0963, 0.3369, 0.3166

Complementary

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



50.0963, 0.3284, 0.3655



38.5092, 0.2955, 0.2912

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.



50.0963, 0.3168, 0.3025



50.0963, 0.3284, 0.3655



50.0963, 0.2805, 0.2958

Square

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



50.0963, 0.3284, 0.3655



50.0963, 0.2763, 0.3220



50.0963, 0.2962, 0.2949



50.0963, 0.3505, 0.3341

Rectangle

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



50.0963, 0.3284, 0.3655



50.0963, 0.2944, 0.3475



50.0963, 0.2962, 0.2949



50.0963, 0.3306, 0.3114

Sweetspot

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



50.0985, 0.3284, 0.3655



92.2674, 0.3170, 0.3388



42.3013, 0.3384, 0.3377



20.2190, 0.3178, 0.3407



97.7402, 0.3127, 0.3290



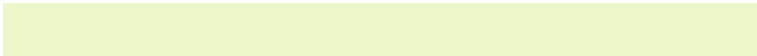
20.4902, 0.3127, 0.3290

Same Dimension

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



50.0985, 0.3284, 0.3655



88.9106, 0.3323, 0.3750



48.5067, 0.3170, 0.3668



10.9972, 0.3227, 0.3519



28.3810, 0.3763, 0.5394



1.1408, 0.3871, 0.5308

Inverse Universe

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



38.5092, 0.2955, 0.2912



63.6563, 0.2907, 0.2809



40.0955, 0.3076, 0.2925



9.3375, 0.3022, 0.3056



2.9134, 0.1654, 0.0685



0.1462, 0.1916, 0.0829

Previews

White Background



This preview shows how the Yxy color 50.0963, 0.3284, 0.3655 looks on a white background.

Color Contrast Check

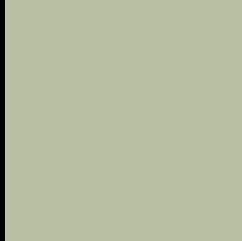
Large Text (above 18pt) WCAG AA × Fail

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 50.0963, 0.3284, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

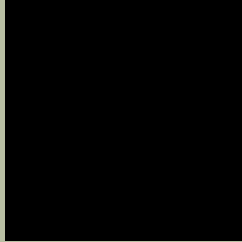
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

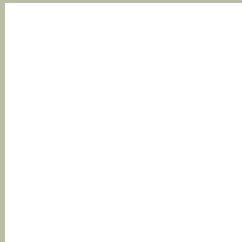
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0963, 0.3284, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 50.0963, 0.3284, 0.3655.



This preview shows how white text looks on a background with the Yxy color 50.0963, 0.3284, 0.3655.

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

50.0963, 0.3284, 0.3655

Protanopia

49.9842, 0.3420, 0.3620

Deuteranopia

50.0605, 0.3553, 0.3484



Tritanopia

50.1068, 0.3045, 0.3116

Trichromacy



Original Color

50.0963, 0.3284, 0.3655

Protanomaly

49.7815, 0.3366, 0.3624

Deuteranomaly

50.0748, 0.3453, 0.3552

Tritanomaly

50.1191, 0.3127, 0.3303

Monochromacy



Original Color

50.0963, 0.3284, 0.3655

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4951, 0.3179, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0963, 0.3284, 0.3655 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(184, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 163)  
}
```

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(184, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 163) }
```

Border

The CSS property to change the border of an element to Yxy 50.0963, 0.3284, 0.3655 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(184, 191, 163) }
```

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

```
.border{ border-color:rgb(184, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0963, 0.3284, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 163) }
```

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

```
.background{ background-color: rgb(184,  
191, 163) }
```

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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