

Converting Colors

Yxy(50.2162, 0.3330, 0.3588)

Have a look what the booklet for
Yxy(50.2162, 0.3330, 0.3588)
contains.

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Color

Yxy(50.2247, 0.3324, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDA6
RGB	191, 189, 166
RGB Percent	75%, 74%, 65%
CMY	0.2509, 0.2588, 0.3491
CMYK	0.00, 0.01, 0.13, 0.25
HSL	55°, 16%, 70%
HSV	55°, 13%, 75%
XYZ	46.5682, 50.2247, 43.3039
YIQ	186.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

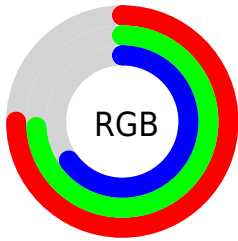
Format	Color
R _{YB}	168, 191, 166
Decimal	12565926
CIE Lab	76.21, -3.27, 11.90
CIE LCh	76, 12.339, 105.371
Yxy	50.2247, 0.3324, 0.3585
Android (android.graphics.Color)	4290756006 (0xFFBFBDA6)
YUV	186.9760, -10.3412, 3.5290
Hunter-Lab	70.8694, -6.7293, 13.3801

Details

The Yxy color $50.2247, 0.3324, 0.3585$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.8704, 0.2921, 0.2977$, and the grayscale version is $49.7372, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2994, 0.3287, 0.3531$, and $24.1416, 0.3372, 0.3674$ is the 20% darker color. If you saturate the color by 10%, you get $48.9180, 0.3481, 0.3816$, and if you desaturate by 10%, it is $51.6469, 0.3173, 0.3359$.

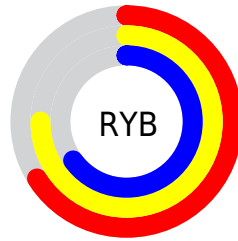
Distribution



Red (75%)

Green (74%)

Blue (65%)



Red (66%)

Yellow (75%)

Blue (65%)

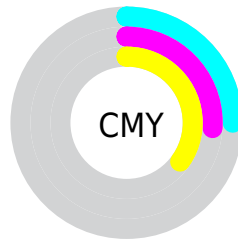


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2247, 0.3324, 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 50.2247, 0.3324, 0.3585 by changing the saturation by 10% instead.


 50.2247, 0.3324,
0.3585

 50.2247, 0.3324,
0.3585


387.5440, 0.3227,
0.3438

 35.5920, 0.3348,
0.3621


 90.5077, 0.3289,
0.3532

 24.1192, 0.3377,
0.3668


 116.9268, 0.3276,
0.3512

 15.4221, 0.3417,
0.3730


148.0434, 0.3265,
0.3495

 9.1162, 0.3470,
0.3815

184.2420, 0.3255,
0.3480

 4.8170, 0.3547,
0.3941

225.9070, 0.3247,
0.3468

 2.1403, 0.3667,
0.4144

273.4227, 0.3240,

 0.6872, 0.4548,

0.3457

0.5452

327.1736, 0.3233,
0.3447

0.0000, 0.0000,
0.0000

50.2247, 0.3324,
0.3585

50.2247, 0.3324,
0.3585

48.9180, 0.3481,
0.3816

51.6469, 0.3173,
0.3359

47.7157, 0.3639,
0.4046

53.1825, 0.3030,
0.3142

46.6151, 0.3794,
0.4267

54.8375, 0.2896,
0.2938

45.6107, 0.3940,
0.4468

56.6160, 0.2774,
0.2749

44.6966, 0.4069,
0.4640

58.0967, 0.2699,
0.2638

■ 43.8664, 0.4177,
0.4776

■ 58.7984, 0.2701,
0.2656

■ 43.1125, 0.4260,
0.4869

■ 59.5074, 0.2702,
0.2674

■ 42.4257, 0.4315,
0.4918

■ 60.2235, 0.2704,
0.2691

■ 41.9796, 0.4342,
0.4934

■ 60.9468, 0.2705,
0.2709

Harmonies

Analogous

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



50.2247, 0.3433, 0.3528



50.2247, 0.3324, 0.3585



50.2247, 0.3164, 0.3560

Triad

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



50.2247, 0.3324, 0.3585



50.2247, 0.2807, 0.3156



50.2247, 0.3253, 0.3132

Complementary

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



50.2247, 0.3324, 0.3585



39.8704, 0.2921, 0.2977

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.



50.2247, 0.3083, 0.3038



50.2247, 0.3324, 0.3585



50.2247, 0.2829, 0.3048

Square

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



50.2247, 0.3324, 0.3585



50.2247, 0.2868, 0.3306



50.2247, 0.2929, 0.3006



50.2247, 0.3392, 0.3266

Rectangle

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



50.2247, 0.3324, 0.3585



50.2247, 0.3051, 0.3498



50.2247, 0.2929, 0.3006



50.2247, 0.3198, 0.3095

Sweetspot

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



50.2269, 0.3324, 0.3585



92.2269, 0.3187, 0.3380



41.1721, 0.3344, 0.3263



20.2084, 0.3198, 0.3397



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.



50.2269, 0.3324, 0.3585



89.1777, 0.3373, 0.3657



49.7965, 0.3232, 0.3619



10.9853, 0.3266, 0.3499



27.6375, 0.4340, 0.4936



1.1219, 0.4301, 0.4967

Inverse Universe

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



39.8704, 0.2921, 0.2977



66.6855, 0.2868, 0.2894



40.3042, 0.3012, 0.2958



9.3457, 0.2984, 0.3072



2.7535, 0.1517, 0.0661



0.1504, 0.1579, 0.0883

Previews

White Background



This preview shows how the Yxy color 50.2247, 0.3324, 0.3585 looks on a white background.

Color Contrast Check

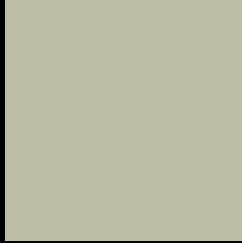
Large Text (above 18pt) WCAG AA × Fail

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 50.2247, 0.3324, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

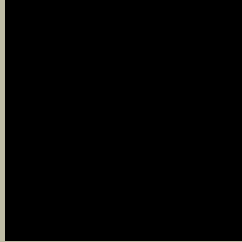
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

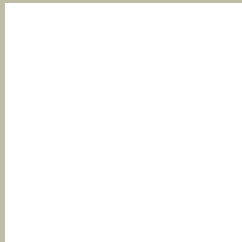
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2247, 0.3324, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 50.2247, 0.3324, 0.3585.



This preview shows how white text looks on a background with the Yxy color 50.2247, 0.3324, 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

50.2247, 0.3324, 0.3585

Protanopia

49.9930, 0.3379, 0.3569

Deuteranopia

50.0210, 0.3518, 0.3448



Tritanopia

50.1403, 0.3111, 0.3106

Trichromacy



Original Color

50.2247, 0.3324, 0.3585

Protanomaly

50.1524, 0.3359, 0.3583

Deuteranomaly

50.0501, 0.3448, 0.3501

Tritanomaly

50.1750, 0.3186, 0.3278

Monochromacy



Original Color

50.2247, 0.3324, 0.3585

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9125, 0.3197, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2247, 0.3324, 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(191, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 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(191, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 166) }
```

Border

The CSS property to change the border of an element to Yxy 50.2247, 0.3324, 0.3585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

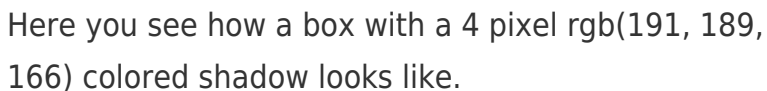
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 189, 166) }
```

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

```
.border{ border-color:rgb(191, 189, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 189, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 189, 166); box-shadow:4px 4px 4px 4px rgb(191, 189, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2247, 0.3324, 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(191, 189, 166) }
```

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

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