

Converting Colors

Yxy(51.8881, 0.3328, 0.3666)

Have a look what the booklet for
Yxy(51.8881, 0.3328, 0.3666)
contains.

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Color

Yxy(51.7674, 0.3324, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	BEC1A4
RGB	190, 193, 164
RGB Percent	75%, 76%, 64%
CMY	0.2550, 0.2431, 0.3569
CMYK	0.02, 0.00, 0.15, 0.24
HSL	66°, 19%, 70%
HSV	66°, 15%, 76%
XYZ	47.0021, 51.7674, 42.6328
YIQ	188.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

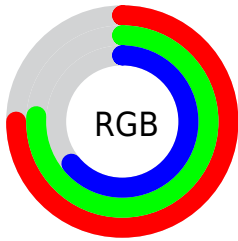
Format	Color
RYB	164, 193, 167
Decimal	12501412
CIELab	77.14, -6.08, 14.27
CIELCh	77, 15.513, 113.068
Yxy	51.7674, 0.3324, 0.3661
Android (android.graphics.Color)	4290691492 (0xFFBEC1A4)
YUV	188.7970, -12.2249, 1.0550
Hunter-Lab	71.9496, -9.3039, 15.2332

Details

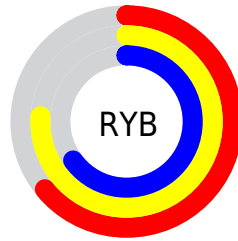
The Yxy color **51.7674, 0.3324, 0.3661** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6169, 0.2913, 0.2896**, and the grayscale version is **50.8343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4587, 0.3288, 0.3590**, and **25.1603, 0.3371, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **50.8669, 0.3457, 0.3917**, and if you desaturate by 10%, it is **52.7818, 0.3192, 0.3412**.

Distribution



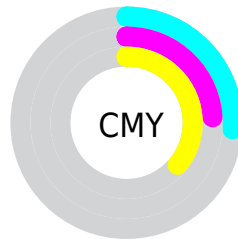
- Red (75%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (26%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7674, 0.3324, 0.3661 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 51.7674, 0.3324, 0.3661 by changing the saturation by 10% instead.


 51.7674, 0.3324,
0.3661


 51.7674, 0.3324,
0.3661

393.5380, 0.3229,
0.3477

 36.8197, 0.3347,
0.3707


 92.7881, 0.3290,
0.3594

 25.0679, 0.3376,
0.3765


 119.6299, 0.3277,
0.3569

 16.1277, 0.3413,
0.3843


151.2052, 0.3266,
0.3548

 9.6145, 0.3463,
0.3950

187.8984, 0.3256,
0.3529

 5.1441, 0.3533,
0.4107

230.0939, 0.3248,
0.3514

 2.3321, 0.3637,
0.4359

278.1761, 0.3241,

 0.7906, 0.4327,

0.3500

0.5673

332.5293, 0.3234,
0.3487

0.0000, 0.0000,
0.0000

51.7674, 0.3324,
0.3661

51.7674, 0.3324,
0.3661

50.8669, 0.3457,
0.3917

52.7818, 0.3192,
0.3412

50.0689, 0.3585,
0.4171

53.9079, 0.3064,
0.3173

49.3703, 0.3706,
0.4416

55.1520, 0.2943,
0.2950

48.7656, 0.3812,
0.4640

56.5182, 0.2829,
0.2744

48.2488, 0.3898,
0.4834

57.6511, 0.2757,
0.2607

■ 47.8128, 0.3961,
0.4991

■ 57.9303, 0.2770,
0.2610

■ 47.4497, 0.3998,
0.5103

■ 58.2131, 0.2784,
0.2612

■ 47.1498, 0.4010,
0.5173

■ 58.4997, 0.2798,
0.2615

■ 47.0144, 0.4011,
0.5198

■ 58.7899, 0.2813,
0.2618

Harmonies

Analogous

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



51.7674, 0.3481, 0.3612



51.7674, 0.3324, 0.3661



51.7674, 0.3117, 0.3603

Triad

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



51.7674, 0.3324, 0.3661



51.7674, 0.2728, 0.3080



51.7674, 0.3334, 0.3133

Complementary

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



51.7674, 0.3324, 0.3661



38.6169, 0.2913, 0.2896

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.



51.7674, 0.3126, 0.3002



51.7674, 0.3324, 0.3661



51.7674, 0.2781, 0.2967

Square

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



51.7674, 0.3324, 0.3661



51.7674, 0.2778, 0.3257



51.7674, 0.2924, 0.2941



51.7674, 0.3489, 0.3305

Rectangle

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



51.7674, 0.3324, 0.3661



51.7674, 0.2980, 0.3511



51.7674, 0.2924, 0.2941



51.7674, 0.3268, 0.3083

Sweetspot

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



51.7697, 0.3324, 0.3661



94.5129, 0.3193, 0.3413



41.6179, 0.3399, 0.3329



20.2472, 0.3202, 0.3430



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.



51.7697, 0.3324, 0.3661



92.1626, 0.3367, 0.3744



50.0083, 0.3203, 0.3675



11.7033, 0.3249, 0.3519



31.2869, 0.4013, 0.5196



1.3675, 0.4056, 0.5162

Inverse Universe

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



38.6169, 0.2913, 0.2896



64.1639, 0.2861, 0.2802



40.2718, 0.3040, 0.2911



9.7972, 0.2999, 0.3053



2.6779, 0.1541, 0.0622



0.1330, 0.1674, 0.0696

Previews

White Background



This preview shows how the Yxy color 51.7674, 0.3324, 0.3661 looks on a white background.

Color Contrast Check

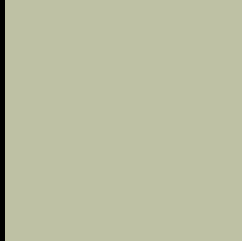
Large Text (above 18pt) WCAG AA × Fail

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 51.7674, 0.3324, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

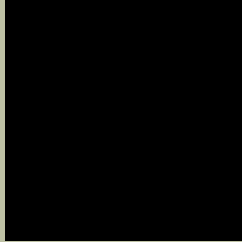
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7674, 0.3324, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 51.7674, 0.3324, 0.3661.



This preview shows how white text looks on a background with the Yxy color 51.7674, 0.3324, 0.3661.

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

51.7674, 0.3324, 0.3661

Protanopia

51.7149, 0.3432, 0.3640

Deuteranopia

51.5256, 0.3575, 0.3493



Tritanopia

51.8328, 0.3078, 0.3119

Trichromacy



Original Color

51.7674, 0.3324, 0.3661

Protanomaly

51.6417, 0.3387, 0.3644

Deuteranomaly

51.6672, 0.3484, 0.3560

Tritanomaly

51.7952, 0.3167, 0.3315

Monochromacy



Original Color

51.7674, 0.3324, 0.3661

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9410, 0.3195, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7674, 0.3324, 0.3661 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.7674, 0.3324, 0.3661 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, 193, 164) }
```

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

```
.border{ border-color:rgb(190, 193, 164) }
```

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

Here you see how a box with a 4 pixel rgb(190, 193, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7674, 0.3324, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 164) }
```

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

```
.background{ background-color: rgb(190,  
193, 164) }
```

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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