

Converting Colors

$Yxy(50.1549, 0.3328, 0.3926)$

Have a look what the booklet for
Yxy(50.1549, 0.3328, 0.3926)
contains.

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Color

Yxy(50.3669, 0.3331, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	B0C393
RGB	176, 195, 147
RGB Percent	69%, 76%, 58%
CMY	0.3100, 0.2352, 0.4235
CMYK	0.10, 0.00, 0.25, 0.24
HSL	84°, 29%, 67%
HSV	84°, 25%, 76%
XYZ	42.6793, 50.3669, 35.0813
YIQ	183.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

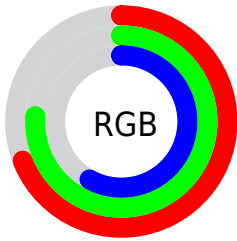
Format	Color
RYB	147, 195, 166
Decimal	11584403
CIELab	76.29, -14.94, 22.02
CIELCh	76, 26.607, 124.156
Yxy	50.3669, 0.3331, 0.3931
Android (android.graphics.Color)	4289774483 (0xFFB0C393)
YUV	183.8470, -18.1656, -6.8818
Hunter-Lab	70.9696, -16.8517, 20.3709

Details

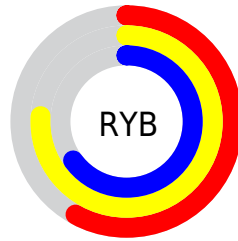
The Yxy color **50.3669, 0.3331, 0.3931** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.9278, 0.2881, 0.2633**, and the grayscale version is **47.9421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9937, 0.3300, 0.3818**, and **24.1052, 0.3380, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **48.9310, 0.3408, 0.4214**, and if you desaturate by 10%, it is **51.9625, 0.3249, 0.3659**.

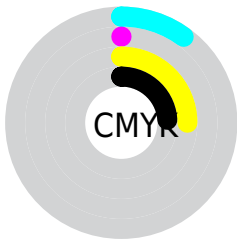
Distribution



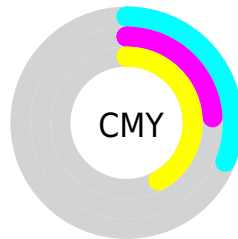
- Red (69%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)




- Cyan (31%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3669, 0.3331, 0.3931 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 50.3669, 0.3331, 0.3931 by changing the saturation by 10% instead.


 50.3669, 0.3331,
0.3931


 50.3669, 0.3331,
0.3931


388.0990, 0.3236,
0.3606

 35.7050, 0.3352,
0.4013


 90.7183, 0.3298,
0.3812

 24.2065, 0.3378,
0.4119


 117.1765, 0.3285,
0.3768

 15.4868, 0.3410,
0.4260


148.3357, 0.3274,
0.3730

 9.1618, 0.3448,
0.4457

184.5802, 0.3265,
0.3698

 4.8469, 0.3492,
0.4749

226.2943, 0.3256,
0.3671

 2.1577, 0.3610,
0.5339

273.8626, 0.3249,

 0.6968, 0.2993,

0.3646

0.7007

327.6694, 0.3242,
0.3625

0.0000, 0.0000,
0.0000

50.3669, 0.3331,
0.3931

50.3669, 0.3331,
0.3931

48.9310, 0.3408,
0.4214

51.9625, 0.3249,
0.3659

47.6420, 0.3476,
0.4499

53.7169, 0.3165,
0.3402

46.4957, 0.3531,
0.4774

55.6377, 0.3083,
0.3165

45.4849, 0.3567,
0.5028

57.7298, 0.3004,
0.2948

44.6016, 0.3581,
0.5247

59.9983, 0.2928,
0.2751

■ 43.8368, 0.3571,
0.5420

■ 61.8527, 0.2915,
0.2659

■ 43.1795, 0.3537,
0.5541

■ 63.1068, 0.2971,
0.2669

■ 42.8593, 0.3514,
0.5592

■ 64.4178, 0.3028,
0.2679

■ 65.7864, 0.3085,
0.2690

Harmonies

Analogous

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



50.3669, 0.3650, 0.3896



50.3669, 0.3331, 0.3931



50.3669, 0.2970, 0.3764

Triad

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



50.3669, 0.3331, 0.3931



50.3669, 0.2465, 0.2835



50.3669, 0.3601, 0.3122

Complementary

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



50.3669, 0.3331, 0.3931



32.9278, 0.2881, 0.2633

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.



50.3669, 0.3257, 0.2876



50.3669, 0.3331, 0.3931



50.3669, 0.2611, 0.2707

Square

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



50.3669, 0.3331, 0.3931



50.3669, 0.2483, 0.3099



50.3669, 0.2894, 0.2726



50.3669, 0.3816, 0.3416

Rectangle

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



50.3669, 0.3331, 0.3931



50.3669, 0.2754, 0.3562



50.3669, 0.2894, 0.2726



50.3669, 0.3496, 0.3032

Sweetspot

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



50.3691, 0.3331, 0.3931



95.3796, 0.3186, 0.3464



40.7714, 0.3580, 0.3534



20.8439, 0.3191, 0.3480



0.0000, 0.0000, 0.0000



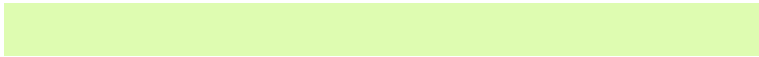
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3691, 0.3331, 0.3931



88.6560, 0.3377, 0.4096



47.8791, 0.3139, 0.3971



11.5524, 0.3205, 0.3522



27.9012, 0.3523, 0.5585



1.2446, 0.3673, 0.5466

Inverse Universe

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



32.9278, 0.2881, 0.2633



51.6235, 0.2810, 0.2459



35.6848, 0.3102, 0.2675



9.9387, 0.3044, 0.3056



3.6439, 0.1850, 0.0793



0.1975, 0.2112, 0.0937

Previews

White Background



This preview shows how the Yxy color 50.3669, 0.3331, 0.3931 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 50.3669, 0.3331, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

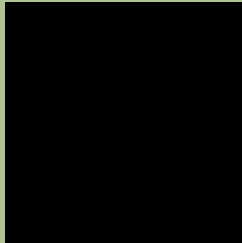
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3669, 0.3331, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 50.3669, 0.3331, 0.3931.



This preview shows how white text looks on a background with the Yxy color 50.3669, 0.3331, 0.3931.

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

50.3669, 0.3331, 0.3931

Protanopia

50.3976, 0.3592, 0.3843

Deuteranopia

49.9046, 0.3733, 0.3650



Tritanopia

50.4686, 0.2983, 0.3102

Trichromacy



Original Color

50.3669, 0.3331, 0.3931

Protanomaly

50.5124, 0.3495, 0.3882

Deuteranomaly

49.5644, 0.3578, 0.3742

Tritanomaly

50.5043, 0.3106, 0.3393

Monochromacy



Original Color

50.3669, 0.3331, 0.3931

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7305, 0.3200, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3669, 0.3331, 0.3931 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(176, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 195, 147)  
}
```

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(176, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 195, 147) }
```

Border

The CSS property to change the border of an element to Yxy 50.3669, 0.3331, 0.3931 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(176, 195, 147) }
```

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

```
.border{ border-color:rgb(176, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 195, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 195, 147); box-shadow:4px 4px 4px 4px rgb(176, 195, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3669, 0.3331, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 195, 147) }
```

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

```
.background{ background-color: rgb(176,  
195, 147) }
```

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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