

Converting Colors

$Yxy(51.0766, 0.3416, 0.4029)$

Have a look what the booklet for
Yxy(51.0766, 0.3416, 0.4029)
contains.

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Color

Yxy(51.0766, 0.3416, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	B4C48C
RGB	180, 196, 140
RGB Percent	71%, 77%, 55%
CMY	0.2939, 0.2314, 0.4509
CMYK	0.08, 0.00, 0.29, 0.23
HSL	77°, 32%, 66%
HSV	77°, 29%, 77%
XYZ	43.3055, 51.0766, 32.3903
YIQ	184.8320, 8.4400, -20.8080

Conversions

Conversions Part 2

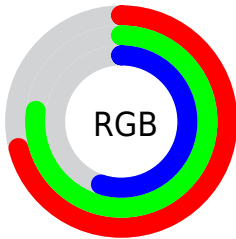
Format	Color
RYB	140, 196, 156
Decimal	11846796
CIELab	76.73, -14.93, 26.36
CIELCh	77, 30.298, 119.534
Yxy	51.0766, 0.3416, 0.4029
Android (android.graphics.Color)	4290036876 (0xFFB4C48C)
YUV	184.8320, -22.1022, -4.2377
Hunter-Lab	71.4679, -16.9080, 23.1564

Details

The Yxy color **51.0766, 0.3416, 0.4029** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8068, 0.2775, 0.2503**, and the grayscale version is **48.5449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9785, 0.3366, 0.3897**, and **24.5793, 0.3491, 0.4242** is the 20% darker color. If you saturate the color by 10%, you get **49.8946, 0.3510, 0.4301**, and if you desaturate by 10%, it is **52.3930, 0.3316, 0.3760**.

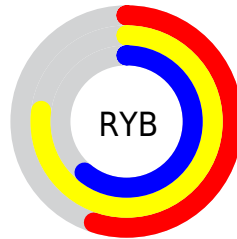
Distribution



Red (71%)

Green (77%)

Blue (55%)



Red (55%)

Yellow (77%)

Blue (61%)

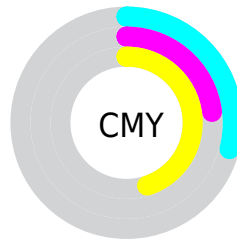


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (23%)



Cyan (29%)


Magenta (23%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0766, 0.3416, 0.4029 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 51.0766, 0.3416, 0.4029 by changing the saturation by 10% instead.

 51.0766, 0.3416,
0.4029


 51.0766, 0.3416,
0.4029


390.8613, 0.3281,
0.3656


 36.2696, 0.3446,
0.4122


 91.7680, 0.3369,
0.3893

 24.6425, 0.3483,
0.4242

 118.4211, 0.3351,
0.3842

 15.8109, 0.3527,
0.4401

 149.7918, 0.3335,
0.3799

 9.3904, 0.3581,
0.4619

186.2643, 0.3322,
0.3762

 4.9967, 0.3640,
0.4936

228.2232, 0.3310,
0.3730

 2.2453, 0.3868,
0.5693

276.0527, 0.3299,

 0.7445, 0.3154,

0.3702

0.6846

330.1373, 0.3290,
0.3678

0.0000, 0.0000,
0.0000

51.0766, 0.3416,
0.4029

51.0766, 0.3416,
0.4029

49.8946, 0.3510,
0.4301

52.3930, 0.3316,
0.3760

48.8346, 0.3593,
0.4568

53.8425, 0.3214,
0.3500

47.8924, 0.3660,
0.4816

55.4323, 0.3113,
0.3256

47.0612, 0.3707,
0.5035

57.1672, 0.3015,
0.3029

46.3330, 0.3729,
0.5214

59.0517, 0.2923,
0.2822

■ 45.6987, 0.3726,
0.5347

■ 60.9213, 0.2852,
0.2658

■ 45.1438, 0.3701,
0.5435

■ 61.7729, 0.2892,
0.2665

■ 45.0676, 0.3697,
0.5447

■ 62.6535, 0.2932,
0.2672

■ 63.5634, 0.2972,
0.2679

Harmonies

Analogous

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



51.0766, 0.3761, 0.3950



51.0766, 0.3416, 0.4029



51.0766, 0.3008, 0.3876

Triad

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



51.0766, 0.3416, 0.4029



51.0766, 0.2374, 0.2810



51.0766, 0.3611, 0.3051

Complementary

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



51.0766, 0.3416, 0.4029



29.8068, 0.2775, 0.2503

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.



51.0766, 0.3207, 0.2791



51.0766, 0.3416, 0.4029



51.0766, 0.2509, 0.2645

Square

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



51.0766, 0.3416, 0.4029



51.0766, 0.2422, 0.3127



51.0766, 0.2805, 0.2644



51.0766, 0.3886, 0.3376

Rectangle

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



51.0766, 0.3416, 0.4029



51.0766, 0.2756, 0.3658



51.0766, 0.2805, 0.2644



51.0766, 0.3484, 0.2955

Sweetspot

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



51.0789, 0.3416, 0.4029



97.3908, 0.3220, 0.3515



37.3619, 0.3690, 0.3502



20.7597, 0.3235, 0.3553



0.0000, 0.0000, 0.0000



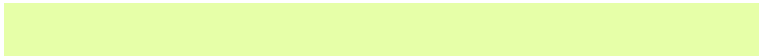
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0789, 0.3416, 0.4029



91.2338, 0.3473, 0.4192



48.0580, 0.3184, 0.4086



11.6096, 0.3222, 0.3520



29.0065, 0.3704, 0.5441



1.2867, 0.3817, 0.5351

Inverse Universe

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



29.8068, 0.2775, 0.2503



46.6714, 0.2684, 0.2316



32.9173, 0.3041, 0.2562



9.8837, 0.3027, 0.3055



3.1356, 0.1692, 0.0706



0.1715, 0.1946, 0.0846

Previews

White Background



This preview shows how the Yxy color 51.0766, 0.3416, 0.4029 looks on a white background.

Color Contrast Check

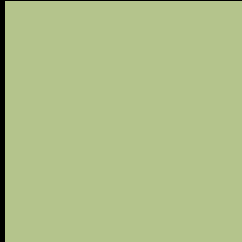
Large Text (above 18pt) WCAG AA × Fail

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 51.0766, 0.3416, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

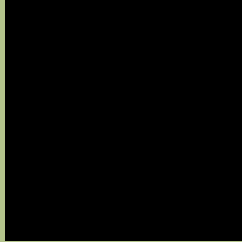
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

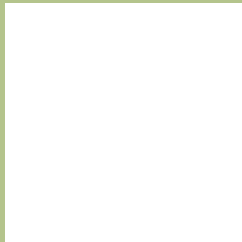
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0766, 0.3416, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 51.0766, 0.3416, 0.4029.



This preview shows how white text looks on a background with the Yxy color 51.0766, 0.3416, 0.4029.

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

51.0766, 0.3416, 0.4029

Protanopia

50.8978, 0.3663, 0.3938

Deuteranopia

50.7189, 0.3826, 0.3738



Tritanopia

51.0971, 0.3023, 0.3105

Trichromacy



Original Color

51.0766, 0.3416, 0.4029

Protanomaly

51.1364, 0.3573, 0.3977

Deuteranomaly

50.3362, 0.3670, 0.3834

Tritanomaly

50.9960, 0.3170, 0.3431

Monochromacy



Original Color

51.0766, 0.3416, 0.4029

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3270, 0.3232, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0766, 0.3416, 0.4029 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(180, 196, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 140)  
}
```

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(180, 196, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 140) }
```

Border

The CSS property to change the border of an element to Yxy 51.0766, 0.3416, 0.4029 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(180, 196, 140) }
```

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

```
.border{ border-color:rgb(180, 196, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0766, 0.3416, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 140) }
```

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

```
.background{ background-color: rgb(180,  
196, 140) }
```

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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