

Converting Colors

$Yxy(49.0844, 0.3238, 0.3542)$

Have a look what the booklet for
Yxy(49.0844, 0.3238, 0.3542)
contains.

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Color

Yxy(49.0214, 0.3241, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	B8BCA9
RGB	184, 188, 169
RGB Percent	72%, 74%, 66%
CMY	0.2785, 0.2627, 0.3373
CMYK	0.02, 0.00, 0.10, 0.26
HSL	73°, 12%, 70%
HSV	73°, 10%, 74%
XYZ	44.9063, 49.0214, 44.6291
YIQ	184.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

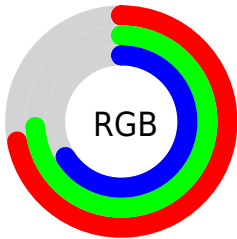
Format	Color
RYB	169, 188, 173
Decimal	12106921
CIELab	75.46, -4.82, 9.13
CIELCh	75, 10.325, 117.809
Yxy	49.0214, 0.3241, 0.3538
Android (android.graphics.Color)	4290297001 (0xFFB8BCA9)
YUV	184.6380, -7.7095, -0.5595
Hunter-Lab	70.0153, -8.0408, 11.2181

Details

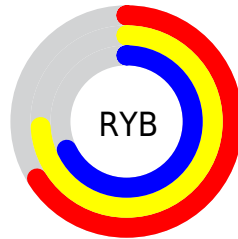
The Yxy color **49.0214, 0.3241, 0.3538** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.8949, 0.3006, 0.3035**, and the grayscale version is **48.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6085, 0.3222, 0.3493**, and **23.4376, 0.3272, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **47.8809, 0.3355, 0.3795**, and if you desaturate by 10%, it is **50.2817, 0.3128, 0.3293**.

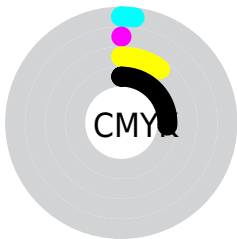
Distribution



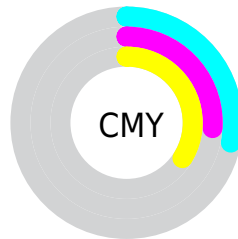
- Red (72%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (28%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0214, 0.3241, 0.3538 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 49.0214, 0.3241, 0.3538 by changing the saturation by 10% instead.


 49.0214, 0.3241,
0.3538

 49.0214, 0.3241,
0.3538

382.8266, 0.3185,
0.3414

 34.6365, 0.3255,
0.3569


 88.7232, 0.3221,
0.3493

 23.3830, 0.3272,
0.3609


114.8089, 0.3213,
0.3476

 14.8765, 0.3295,
0.3662


145.5636, 0.3207,
0.3462

 8.7328, 0.3326,
0.3737

181.3718, 0.3201,
0.3449

 4.5673, 0.3370,
0.3849

222.6178, 0.3197,
0.3439

 1.9957, 0.3440,
0.4034

269.6859, 0.3192,

 0.6050, 0.4225,

0.3429

0.5588

322.9607, 0.3189,
0.3421

0.0000, 0.0000,
0.0000

49.0214, 0.3241,
0.3538

49.0214, 0.3241,
0.3538

47.8809, 0.3355,
0.3795

50.2817, 0.3128,
0.3293

46.8493, 0.3467,
0.4060

51.6595, 0.3020,
0.3063

45.9240, 0.3572,
0.4323

53.1609, 0.2917,
0.2851

45.1000, 0.3666,
0.4575

54.7896, 0.2820,
0.2657

44.3715, 0.3743,
0.4806

56.0230, 0.2780,
0.2556

■ 43.7325, 0.3799,
0.5004

■ 56.5949, 0.2808,
0.2562

■ 43.1759, 0.3830,
0.5162

■ 57.1813, 0.2837,
0.2568

■ 42.6933, 0.3836,
0.5274

■ 57.7824, 0.2866,
0.2574

■ 42.2728, 0.3821,
0.5348

■ 58.3983, 0.2895,
0.2580

Harmonies

Analogous

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



49.0214, 0.3354, 0.3519



49.0214, 0.3241, 0.3538



49.0214, 0.3099, 0.3487

Triad

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



49.0214, 0.3241, 0.3538



49.0214, 0.2855, 0.3134



49.0214, 0.3288, 0.3201

Complementary

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



49.0214, 0.3241, 0.3538



40.8949, 0.3006, 0.3035

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.



49.0214, 0.3151, 0.3104



49.0214, 0.3241, 0.3538



49.0214, 0.2903, 0.3063

Square

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



49.0214, 0.3241, 0.3538



49.0214, 0.2879, 0.3249



49.0214, 0.3010, 0.3054



49.0214, 0.3382, 0.3322

Rectangle

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



49.0214, 0.3241, 0.3538



49.0214, 0.3008, 0.3420



49.0214, 0.3010, 0.3054



49.0214, 0.3245, 0.3165

Sweetspot

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



49.0235, 0.3241, 0.3538



90.4222, 0.3161, 0.3363



43.3681, 0.3297, 0.3340



19.4047, 0.3170, 0.3383



95.5105, 0.3127, 0.3290



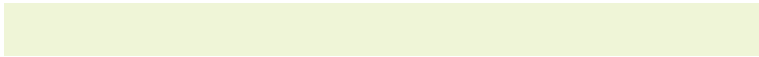
19.5994, 0.3127, 0.3290

Same Dimension

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



49.0235, 0.3241, 0.3538



88.3855, 0.3265, 0.3591



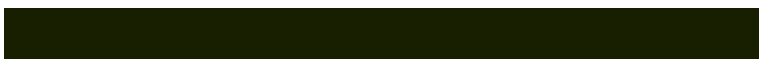
47.9162, 0.3163, 0.3544



11.0154, 0.3232, 0.3519



28.8099, 0.3826, 0.5344



1.1546, 0.3919, 0.5270

Inverse Universe

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



40.8949, 0.3006, 0.3035



70.8747, 0.2979, 0.2979



41.9889, 0.3088, 0.3041



9.3205, 0.3016, 0.3055



2.8055, 0.1617, 0.0665



0.1388, 0.1858, 0.0797

Previews

White Background



This preview shows how the Yxy color 49.0214, 0.3241, 0.3538 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 49.0214, 0.3241, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

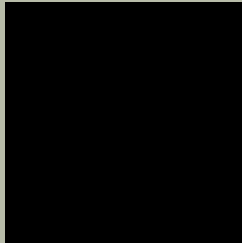
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

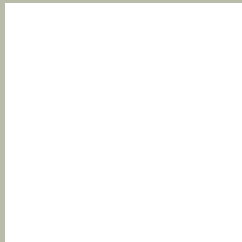
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0214, 0.3241, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 49.0214, 0.3241, 0.3538.



This preview shows how white text looks on a background with the Yxy color 49.0214, 0.3241, 0.3538.

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

49.0214, 0.3241, 0.3538

Protanopia

48.8254, 0.3340, 0.3521

Deuteranopia

48.7358, 0.3460, 0.3389



Tritanopia

49.0496, 0.3053, 0.3115

Trichromacy



Original Color

49.0214, 0.3241, 0.3538

Protanomaly

48.8921, 0.3304, 0.3522

Deuteranomaly

48.6375, 0.3382, 0.3441

Tritanomaly

48.8506, 0.3128, 0.3265

Monochromacy



Original Color

49.0214, 0.3241, 0.3538

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6868, 0.3173, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0214, 0.3241, 0.3538 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, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 169)  
}
```

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, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 49.0214, 0.3241, 0.3538 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, 188, 169) }
```

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

```
.border{ border-color:rgb(184, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0214, 0.3241, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 169) }
```

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

```
.background{ background-color: rgb(184,  
188, 169) }
```

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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