

Converting Colors

$Yxy(49.4625, 0.3243, 0.3353)$

Have a look what the booklet for
Yxy(49.4625, 0.3243, 0.3353)
contains.

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Color

Yxy(49.4625, 0.3243, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C2B9B4
RGB	194, 185, 180
RGB Percent	76%, 73%, 71%
CMY	0.2391, 0.2745, 0.2940
CMYK	0.00, 0.05, 0.07, 0.24
HSL	21°, 10%, 73%
HSV	21°, 7%, 76%
XYZ	47.8398, 49.4625, 50.2148
YIQ	187.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

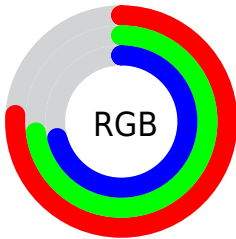
Format	Color
RYB	194, 188, 180
Decimal	12761524
CIELab	75.74, 2.31, 3.65
CIELCh	76, 4.316, 57.708
Yxy	49.4625, 0.3243, 0.3353
Android (android.graphics.Color)	4290951604 (0xFFC2B9B4)
YUV	187.1210, -3.5107, 6.0329
Hunter-Lab	70.3296, -1.6569, 6.8981

Details

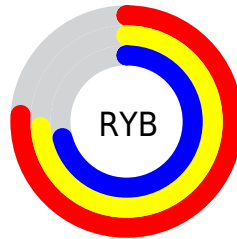
The Yxy color **49.4625, 0.3243, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0128, 0.3017, 0.3226**, and the grayscale version is **49.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4760, 0.3224, 0.3340**, and **23.6103, 0.3274, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **43.7260, 0.3427, 0.3445**, and if you desaturate by 10%, it is **55.7739, 0.3086, 0.3267**.

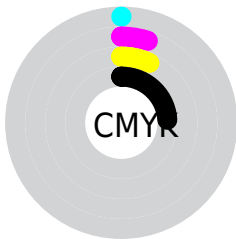
Distribution



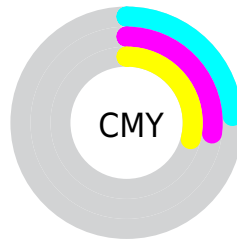
- Red (76%)
- Green (73%)
- Blue (71%)



- Red (76%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4625, 0.3243, 0.3353 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 49.4625, 0.3243, 0.3353 by changing the saturation by 10% instead.

■ 49.4625, 0.3243,
0.3353

■ 49.4625, 0.3243,
0.3353

384.5602, 0.3186,
0.3322

■ 34.9865, 0.3257,
0.3361

■ 89.3780, 0.3222,
0.3342

■ 23.6525, 0.3275,
0.3370

115.5863, 0.3214,
0.3338

■ 15.0760, 0.3300,
0.3383

146.4741, 0.3208,
0.3334

■ 8.8728, 0.3333,
0.3400

182.4258, 0.3202,
0.3331

■ 4.6583, 0.3383,
0.3426

223.8260, 0.3197,
0.3328

■ 2.0482, 0.3464,
0.3467

271.0588, 0.3193,

■ 0.6352, 0.3811,

0.3326

0.3668

324.5088, 0.3189,
0.3324

0.0000, 0.0000,
0.0000

49.4625, 0.3243,
0.3353

49.4625, 0.3243,
0.3353

43.7260, 0.3427,
0.3445

55.7739, 0.3086,
0.3267

38.5416, 0.3643,
0.3542

62.6694, 0.2952,
0.3187

33.8942, 0.3894,
0.3639

70.1661, 0.2839,
0.3113

29.7658, 0.4179,
0.3732

78.1083, 0.2755,
0.3074

26.1372, 0.4496,
0.3811

85.5198, 0.2766,
0.3209

■ 22.9880, 0.4835,
0.3867

■ 90.2116, 0.2773,
0.3289

■ 20.2960, 0.5176,
0.3886

■ 18.0369, 0.5492,
0.3858

■ 16.1822, 0.5756,
0.3781

Harmonies

Analogous

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



49.4625, 0.3233, 0.3304



49.4625, 0.3243, 0.3353



49.4625, 0.3222, 0.3385

Triad

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



49.4625, 0.3243, 0.3353



49.4625, 0.3061, 0.3328



49.4625, 0.3079, 0.3190

Complementary

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



49.4625, 0.3243, 0.3353



50.0128, 0.3017, 0.3226

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.



49.4625, 0.3033, 0.3195



49.4625, 0.3243, 0.3353



49.4625, 0.3023, 0.3274

Square

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



49.4625, 0.3243, 0.3353



49.4625, 0.3116, 0.3371



49.4625, 0.3013, 0.3226



49.4625, 0.3137, 0.3211

Rectangle

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



49.4625, 0.3243, 0.3353



49.4625, 0.3193, 0.3393



49.4625, 0.3013, 0.3226



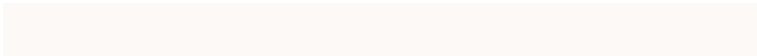
49.4625, 0.3061, 0.3189

Sweetspot

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



49.4647, 0.3243, 0.3353



95.3929, 0.3158, 0.3307



47.8008, 0.3175, 0.3176



20.9151, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



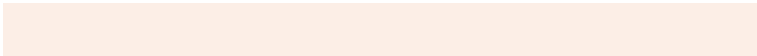
21.4041, 0.3127, 0.3290

Same Dimension

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



49.4647, 0.3243, 0.3353



87.5167, 0.3276, 0.3370



52.4308, 0.3235, 0.3439



10.6511, 0.3280, 0.3372



10.4812, 0.5800, 0.3777



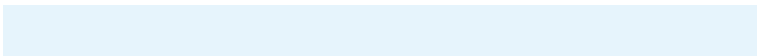
0.5837, 0.5369, 0.4119

Inverse Universe

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



50.0128, 0.3017, 0.3226



88.7584, 0.2987, 0.3208



47.1056, 0.3018, 0.3137



10.8061, 0.2984, 0.3206



12.3626, 0.1915, 0.2095



0.6603, 0.1998, 0.2392

Previews

White Background



This preview shows how the Yxy color 49.4625, 0.3243, 0.3353 looks on a white background.

Color Contrast Check

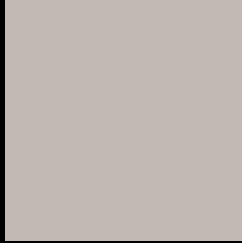
Large Text (above 18pt) WCAG AA × Fail

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 49.4625, 0.3243, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

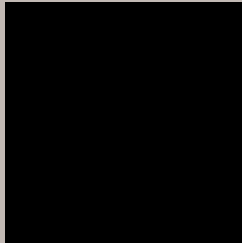
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4625, 0.3243, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 49.4625, 0.3243, 0.3353.



This preview shows how white text looks on a background with the Yxy color 49.4625, 0.3243, 0.3353.

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

49.4625, 0.3243, 0.3353

Protanopia

49.4895, 0.3216, 0.3366

Deuteranopia

49.2441, 0.3355, 0.3279



Tritanopia

49.2229, 0.3127, 0.3105

Trichromacy



Original Color

49.4625, 0.3243, 0.3353

Protanomaly

49.6196, 0.3225, 0.3366

Deuteranomaly

49.3486, 0.3308, 0.3303

Tritanomaly

49.2307, 0.3166, 0.3191

Monochromacy



Original Color

49.4625, 0.3243, 0.3353

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5257, 0.3176, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4625, 0.3243, 0.3353 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(194, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 180)  
}
```

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(194, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.4625, 0.3243, 0.3353 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(194, 185, 180) }
```

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

```
.border{ border-color:rgb(194, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4625, 0.3243, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 180) }
```

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

```
.background{ background-color: rgb(194,  
185, 180) }
```

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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