

Converting Colors

Yxy(49.3157, 0.3266, 0.3431)

Have a look what the booklet for
Yxy(49.3157, 0.3266, 0.3431)
contains.

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Color

Yxy(49.4194, 0.3265, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	C0BAAF
RGB	192, 186, 175
RGB Percent	75%, 73%, 69%
CMY	0.2469, 0.2706, 0.3137
CMYK	0.00, 0.03, 0.09, 0.25
HSL	39°, 12%, 72%
HSV	39°, 9%, 75%
XYZ	47.0421, 49.4194, 47.6184
YIQ	186.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

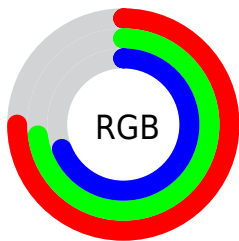
Format	Color
RYB	184, 192, 175
Decimal	12630703
CIELab	75.71, 0.20, 6.31
CIELCh	76, 6.316, 88.208
Yxy	49.4194, 0.3265, 0.3430
Android (android.graphics.Color)	4290820783 (0xFFC0BAAF)
YUV	186.5400, -5.6892, 4.7884
Hunter-Lab	70.2989, -3.5759, 9.0480

Details

The Yxy color **49.4194, 0.3265, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9894, 0.2992, 0.3146**, and the grayscale version is **49.4549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2302, 0.3234, 0.3400**, and **23.6941, 0.3304, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **45.9167, 0.3436, 0.3595**, and if you desaturate by 10%, it is **53.1707, 0.3111, 0.3273**.

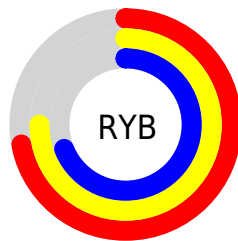
Distribution



Red (75%)

Green (73%)

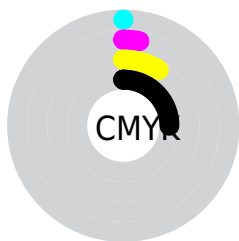
Blue (69%)



Red (72%)

Yellow (75%)

Blue (69%)

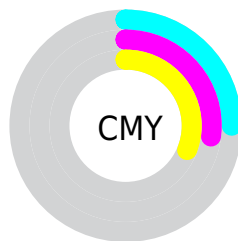


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.4194, 0.3265, 0.3430 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 49.4194, 0.3265, 0.3430 by changing the saturation by 10% instead.

■ 49.4194, 0.3265,
0.3430

■ 49.4194, 0.3265,
0.3430

384.3911, 0.3197,
0.3361

■ 34.9523, 0.3282,
0.3447

■ 89.3140, 0.3240,
0.3405

■ 23.6261, 0.3303,
0.3469

115.5104, 0.3231,
0.3396

■ 15.0565, 0.3332,
0.3498

146.3852, 0.3223,
0.3388

■ 8.8591, 0.3372,
0.3538

182.3230, 0.3216,
0.3381

■ 4.6494, 0.3430,
0.3597

223.7080, 0.3210,
0.3375

■ 2.0430, 0.3525,
0.3693

270.9248, 0.3205,

■ 0.6323, 0.4079,

0.3369

0.4257

324.3577, 0.3201,
0.3365

0.0000, 0.0000,
0.0000

49.4194, 0.3265,
0.3430

49.4194, 0.3265,
0.3430

45.9167, 0.3436,
0.3595

53.1707, 0.3111,
0.3273

42.6497, 0.3624,
0.3765

57.1702, 0.2972,
0.3125

39.6138, 0.3826,
0.3933

61.4259, 0.2849,
0.2988

36.8019, 0.4039,
0.4093

65.9433, 0.2740,
0.2862

34.2062, 0.4256,
0.4235

69.6525, 0.2729,
0.2906

■ 31.8183, 0.4468,
0.4348

■ 73.3044, 0.2736,
0.2983

■ 29.6290, 0.4665,
0.4420

■ 77.1037, 0.2742,
0.3059

■ 27.6277, 0.4836,
0.4444

■ 81.0523, 0.2749,
0.3133

■ 25.7978, 0.4978,
0.4421

■ 85.1517, 0.2756,
0.3207

Harmonies

Analogous

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



49.4194, 0.3297, 0.3383



49.4194, 0.3265, 0.3430



49.4194, 0.3196, 0.3440

Triad

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



49.4194, 0.3265, 0.3430



49.4194, 0.2974, 0.3265



49.4194, 0.3143, 0.3176

Complementary

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



49.4194, 0.3265, 0.3430



45.9894, 0.2992, 0.3146

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.



49.4194, 0.3057, 0.3145



49.4194, 0.3265, 0.3430



49.4194, 0.2960, 0.3195

Square

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



49.4194, 0.3265, 0.3430



49.4194, 0.3029, 0.3344



49.4194, 0.2990, 0.3151



49.4194, 0.3226, 0.3237

Rectangle

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



49.4194, 0.3265, 0.3430



49.4194, 0.3139, 0.3423



49.4194, 0.2990, 0.3151



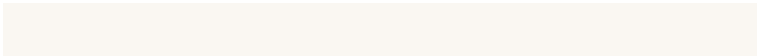
49.4194, 0.3114, 0.3162

Sweetspot

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



49.4216, 0.3265, 0.3430



93.4088, 0.3173, 0.3337



45.2194, 0.3227, 0.3211



19.9208, 0.3186, 0.3350



97.7402, 0.3127, 0.3290



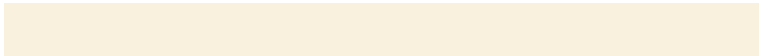
20.4902, 0.3127, 0.3290

Same Dimension

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



49.4216, 0.3265, 0.3430



88.0073, 0.3303, 0.3468



51.7281, 0.3238, 0.3506



11.1374, 0.3273, 0.3438



17.3694, 0.4981, 0.4427



0.8765, 0.4763, 0.4600

Inverse Universe

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



45.9894, 0.2992, 0.3146



80.2970, 0.2955, 0.3106



43.8485, 0.3011, 0.3067



10.3198, 0.2984, 0.3137



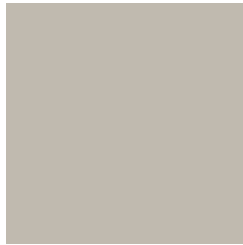
5.4879, 0.1654, 0.1154



0.3679, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 49.4194, 0.3265, 0.3430 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 49.4194, 0.3265, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

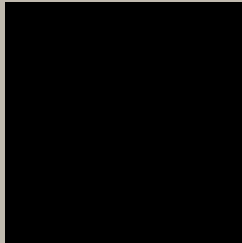
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

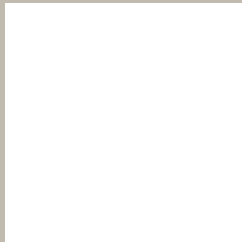
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4194, 0.3265, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 49.4194, 0.3265, 0.3430.

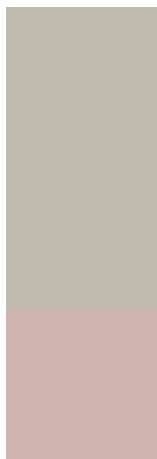


This preview shows how white text looks on a background with the Yxy color 49.4194, 0.3265, 0.3430.

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

49.4194, 0.3265, 0.3430

Protanopia

49.5504, 0.3273, 0.3430

Deuteranopia

49.1870, 0.3406, 0.3340



Tritanopia

49.5003, 0.3118, 0.3117

Trichromacy



Original Color

49.4194, 0.3265, 0.3430

Protanomaly

49.5504, 0.3273, 0.3430

Deuteranomaly

49.1470, 0.3350, 0.3365

Tritanomaly

49.4244, 0.3172, 0.3228

Monochromacy



Original Color

49.4194, 0.3265, 0.3430

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7784, 0.3175, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4194, 0.3265, 0.3430 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(192, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 175)  
}
```

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(192, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 49.4194, 0.3265, 0.3430 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(192, 186, 175) }
```

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

```
.border{ border-color:rgb(192, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4194, 0.3265, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 175) }
```

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

```
.background{ background-color: rgb(192,  
186, 175) }
```

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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