

Converting Colors

$Y_{xy}(49.9011, 0.3295, 0.3359)$

Have a look what the booklet for
Yxy(49.9011, 0.3295, 0.3359)
contains.

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Color

Yxy(50.0947, 0.3294, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	C7B9B3
RGB	199, 185, 179
RGB Percent	78%, 73%, 70%
CMY	0.2196, 0.2745, 0.2980
CMYK	0.00, 0.07, 0.10, 0.22
HSL	18°, 15%, 74%
HSV	18°, 10%, 78%
XYZ	49.0377, 50.0947, 49.7374
YIQ	188.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

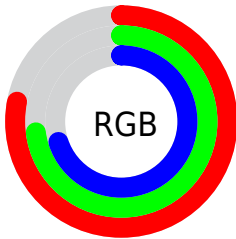
Format	Color
R _Y B	199, 188, 179
Decimal	13089203
CIE Lab	76.13, 3.92, 4.81
CIE LCh	76, 6.206, 50.821
Yxy	50.0947, 0.3294, 0.3365
Android (android.graphics.Color)	4291279283 (0xFFC7B9B3)
YUV	188.5020, -4.6845, 9.2067
Hunter-Lab	70.7776, -0.1885, 7.8796

Details

The Yxy color $50.0947, 0.3294, 0.3365$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.8459, 0.2974, 0.3214$, and the grayscale version is $50.6135, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1688, 0.3257, 0.3349$, and $24.0286, 0.3344, 0.3391$ is the 20% darker color. If you saturate the color by 10%, you get $43.8040, 0.3491, 0.3445$, and if you desaturate by 10%, it is $57.0769, 0.3128, 0.3290$.

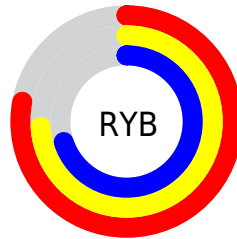
Distribution



Red (78%)

Green (73%)

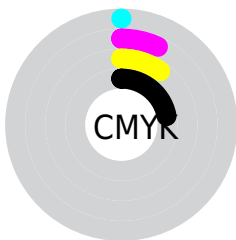
Blue (70%)



Red (78%)

Yellow (74%)

Blue (70%)

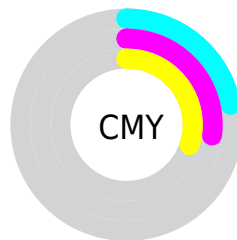


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0947, 0.3294, 0.3365 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 50.0947, 0.3294, 0.3365 by changing the saturation by 10% instead.


 50.0947, 0.3294,
0.3365

 50.0947, 0.3294,
0.3365

387.0362, 0.3211,
0.3329

 35.4886, 0.3314,
0.3374


 90.3152, 0.3264,
0.3352

 24.0395, 0.3341,
0.3385


116.6984, 0.3253,
0.3347

 15.3629, 0.3375,
0.3400


147.7761, 0.3243,
0.3343

 9.0745, 0.3423,
0.3420

183.9327, 0.3235,
0.3339

 4.7898, 0.3495,
0.3448

225.5527, 0.3228,
0.3336

 2.1245, 0.3610,
0.3493

273.0203, 0.3222,

 0.6783, 0.4066,

0.3333

0.3725

326.7200, 0.3216,
0.3331

0.0000, 0.0000,
0.0000

50.0947, 0.3294,
0.3365

50.0947, 0.3294,
0.3365

43.8040, 0.3491,
0.3445

57.0769, 0.3128,
0.3290

38.1768, 0.3724,
0.3527

64.7643, 0.2988,
0.3221

33.1930, 0.3997,
0.3609

73.1784, 0.2870,
0.3158

28.8288, 0.4309,
0.3685

82.1036, 0.2789,
0.3137

25.0591, 0.4657,
0.3746

90.6537, 0.2799,
0.3285

■ 21.8568, 0.5025,
0.3780

■ 90.8809, 0.2800,
0.3289

■ 19.1925, 0.5388,
0.3777

■ 17.0336, 0.5711,
0.3728

■ 15.3433, 0.5970,
0.3642

Harmonies

Analogous

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



50.0947, 0.3269, 0.3293



50.0947, 0.3294, 0.3365



50.0947, 0.3274, 0.3419

Triad

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



50.0947, 0.3294, 0.3365



50.0947, 0.3048, 0.3360



50.0947, 0.3040, 0.3146

Complementary

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



50.0947, 0.3294, 0.3365



51.8459, 0.2974, 0.3214

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.



50.0947, 0.2982, 0.3161



50.0947, 0.3294, 0.3365



50.0947, 0.2987, 0.3285

Square

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



50.0947, 0.3294, 0.3365



50.0947, 0.3131, 0.3417



50.0947, 0.2963, 0.3212



50.0947, 0.3122, 0.3168

Rectangle

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



50.0947, 0.3294, 0.3365



50.0947, 0.3237, 0.3436



50.0947, 0.2963, 0.3212



50.0947, 0.3017, 0.3147

Sweetspot

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



50.0969, 0.3294, 0.3365



96.1483, 0.3175, 0.3312



48.2355, 0.3187, 0.3118



20.3635, 0.3188, 0.3318



0.0000, 0.0000, 0.0000



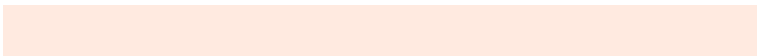
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0969, 0.3294, 0.3365



85.2722, 0.3333, 0.3382



54.4242, 0.3280, 0.3487



11.1472, 0.3282, 0.3360



10.0024, 0.5945, 0.3661



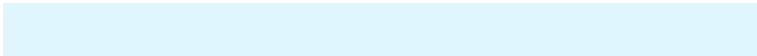
0.6025, 0.5526, 0.3994

Inverse Universe

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



51.8459, 0.2974, 0.3214



88.9314, 0.2941, 0.3197



47.5779, 0.2972, 0.3085



11.5093, 0.2984, 0.3219



14.7364, 0.1970, 0.2291



0.8202, 0.2034, 0.2524

Previews

White Background



This preview shows how the Yxy color 50.0947, 0.3294, 0.3365 looks on a white background.

Color Contrast Check

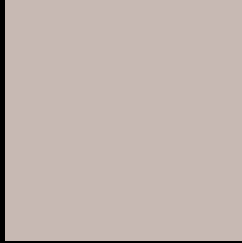
Large Text (above 18pt) WCAG AA × Fail

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 50.0947, 0.3294, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

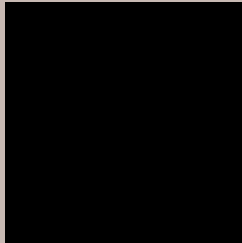
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0947, 0.3294, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 50.0947, 0.3294, 0.3365.



This preview shows how white text looks on a background with the Yxy color 50.0947, 0.3294, 0.3365.

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

50.0947, 0.3294, 0.3365

Protanopia

50.1734, 0.3232, 0.3378

Deuteranopia

49.8983, 0.3380, 0.3303



Tritanopia

49.9046, 0.3170, 0.3108

Trichromacy



Original Color

50.0947, 0.3294, 0.3365

Protanomaly

50.0152, 0.3250, 0.3366

Deuteranomaly

49.7303, 0.3343, 0.3315

Tritanomaly

49.8640, 0.3216, 0.3204

Monochromacy



Original Color

50.0947, 0.3294, 0.3365

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8067, 0.3192, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0947, 0.3294, 0.3365 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(199, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 185, 179)  
}
```

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(199, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 185, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.0947, 0.3294, 0.3365 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(199, 185, 179) }
```

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

```
.border{ border-color:rgb(199, 185, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 185,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0947, 0.3294, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 185, 179) }
```

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

```
.background{ background-color: rgb(199,  
185, 179) }
```

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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