

Converting Colors

Yxy(49.3608, 0.3283, 0.3329)

Have a look what the booklet for
Yxy(49.3608, 0.3283, 0.3329)
contains.

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Color

Yxy(49.3044, 0.3289, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7B4
RGB	199, 183, 180
RGB Percent	78%, 72%, 71%
CMY	0.2195, 0.2823, 0.2942
CMYK	0.00, 0.08, 0.10, 0.22
HSL	10°, 15%, 74%
HSV	10°, 10%, 78%
XYZ	48.7266, 49.3044, 50.1192
YIQ	187.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

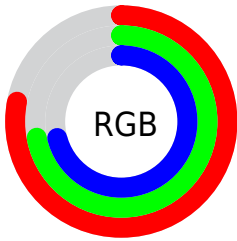
Format	Color
R_{YB}	199, 184, 180
Decimal	13088692
CIE Lab	75.64, 5.17, 3.58
CIE LCh	76, 6.287, 34.684
Yxy	49.3044, 0.3289, 0.3328
Android (android.graphics.Color)	4291278772 (0xFFC7B7B4)
YUV	187.4420, -3.6689, 10.1364
Hunter-Lab	70.2171, 0.9888, 6.8322

Details

The Yxy color $49.3044, 0.3289, 0.3328$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3052, 0.2981, 0.3252$, and the grayscale version is $49.9750, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0491, 0.3253, 0.3320$, and $23.5173, 0.3337, 0.3341$ is the 20% darker color. If you saturate the color by 10%, you get $42.0505, 0.3494, 0.3371$, and if you desaturate by 10%, it is $57.5010, 0.3120, 0.3288$.

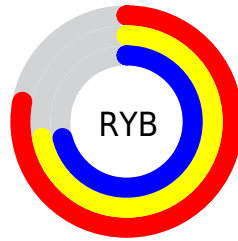
Distribution



Red (78%)

Green (72%)

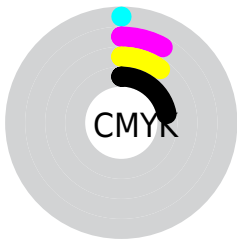
Blue (71%)



Red (78%)

Yellow (72%)

Blue (71%)

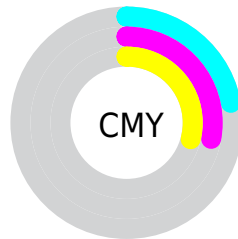


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3044, 0.3289, 0.3328 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 49.3044, 0.3289, 0.3328 by changing the saturation by 10% instead.


 49.3044, 0.3289,
0.3328

 49.3044, 0.3289,
0.3328

383.9394, 0.3209,
0.3310

 34.8610, 0.3309,
0.3332


 89.1434, 0.3260,
0.3322

 23.5558, 0.3335,
0.3338

115.3078, 0.3249,
0.3319

 15.0045, 0.3369,
0.3345


146.1479, 0.3240,
0.3317

 8.8225, 0.3416,
0.3355

182.0483, 0.3232,
0.3315

 4.6256, 0.3486,
0.3368

223.3932, 0.3225,
0.3314

 2.0293, 0.3601,
0.3389

270.5671, 0.3219,

 0.6244, 0.4057,

0.3312

0.3520

323.9544, 0.3213,
0.3311

0.0000, 0.0000,
0.0000

49.3044, 0.3289,
0.3328

49.3044, 0.3289,
0.3328

42.0505, 0.3494,
0.3371

57.5010, 0.3120,
0.3288

35.6993, 0.3743,
0.3415

66.6659, 0.2982,
0.3252

30.2172, 0.4043,
0.3459

76.8315, 0.2868,
0.3219

25.5662, 0.4395,
0.3498

87.7277, 0.2796,
0.3236

21.7054, 0.4796,
0.3527

90.8844, 0.2800,
0.3289

■ 18.5905, 0.5224,
0.3539

■ 16.1725, 0.5642,
0.3525

■ 14.3968, 0.5994,
0.3481

■ 13.1947, 0.6243,
0.3420

Harmonies

Analogous

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



49.3044, 0.3241, 0.3252



49.3044, 0.3289, 0.3328



49.3044, 0.3293, 0.3395

Triad

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



49.3044, 0.3289, 0.3328



49.3044, 0.3091, 0.3396



49.3044, 0.3003, 0.3147

Complementary

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



49.3044, 0.3289, 0.3328



53.3052, 0.2981, 0.3252

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.



49.3044, 0.2964, 0.3183



49.3044, 0.3289, 0.3328



49.3044, 0.3014, 0.3327

Square

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



49.3044, 0.3289, 0.3328



49.3044, 0.3178, 0.3436



49.3044, 0.2968, 0.3249



49.3044, 0.3075, 0.3149

Rectangle

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



49.3044, 0.3289, 0.3328



49.3044, 0.3270, 0.3426



49.3044, 0.2968, 0.3249



49.3044, 0.2985, 0.3155

Sweetspot

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



49.3066, 0.3289, 0.3328



95.4784, 0.3175, 0.3302



48.7733, 0.3161, 0.3092



20.1833, 0.3189, 0.3305



0.0000, 0.0000, 0.0000



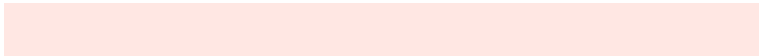
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3066, 0.3289, 0.3328



84.1776, 0.3319, 0.3335



53.2945, 0.3277, 0.3443



10.9040, 0.3286, 0.3327



8.5409, 0.6234, 0.3432



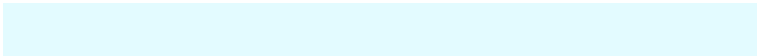
0.4926, 0.5875, 0.3717

Inverse Universe

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



53.3052, 0.2981, 0.3252



92.2581, 0.2957, 0.3245



49.2160, 0.2980, 0.3132



11.7701, 0.2984, 0.3252



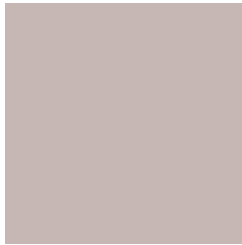
20.6358, 0.2106, 0.2783



1.0561, 0.2139, 0.2899

Previews

White Background



This preview shows how the Yxy color 49.3044, 0.3289, 0.3328 looks on a white background.

Color Contrast Check

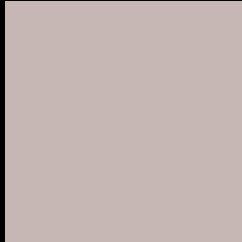
Large Text (above 18pt) WCAG AA × Fail

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 49.3044, 0.3289, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

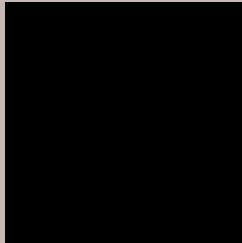
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3044, 0.3289, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 49.3044, 0.3289, 0.3328.



This preview shows how white text looks on a background with the Yxy color 49.3044, 0.3289, 0.3328.

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

49.3044, 0.3289, 0.3328

Protanopia

49.5304, 0.3208, 0.3354

Deuteranopia

49.2441, 0.3355, 0.3279



Tritanopia

49.4054, 0.3186, 0.3120

Trichromacy



Original Color

49.3044, 0.3289, 0.3328

Protanomaly

49.5035, 0.3235, 0.3341

Deuteranomaly

49.2213, 0.3327, 0.3291

Tritanomaly

49.4530, 0.3217, 0.3192

Monochromacy



Original Color

49.3044, 0.3289, 0.3328

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6549, 0.3185, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3044, 0.3289, 0.3328 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 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(199, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.3044, 0.3289, 0.3328 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, 183, 180) }
```

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

```
.border{ border-color:rgb(199, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3044, 0.3289, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 180) }
```

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

```
.background{ background-color: rgb(199,  
183, 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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