

Converting Colors

Yxy(53.9640, 0.3280, 0.3302)

Have a look what the booklet for
Yxy(53.9640, 0.3280, 0.3302)
contains.

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Color

Yxy(53.9109, 0.3284, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	D0BEBD
RGB	208, 190, 189
RGB Percent	82%, 75%, 74%
CMY	0.1842, 0.2549, 0.2587
CMYK	0.00, 0.09, 0.09, 0.18
HSL	3°, 17%, 78%
HSV	3°, 9%, 82%
XYZ	53.6170, 53.9109, 55.7395
YIQ	195.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

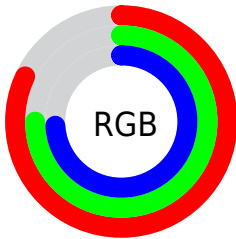
Format	Color
RYB	208, 190, 189
Decimal	13680317
CIELab	78.41, 6.20, 2.78
CIELCh	78, 6.792, 24.193
Yxy	53.9109, 0.3284, 0.3302
Android (android.graphics.Color)	4291870397 (0xFFD0BEBD)
YUV	195.2680, -3.0901, 11.1660
Hunter-Lab	73.4240, 1.8554, 6.3871




Details

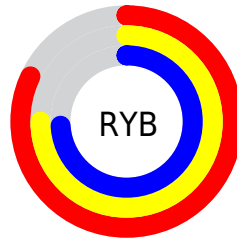
The Yxy color $53.9109, 0.3284, 0.3302$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.0271, 0.2987, 0.3278$, and the grayscale version is $54.7584, 0.3127, 0.3290$.




A 20% lighter version of the original color is $93.7641, 0.3191, 0.3300$, and $26.5389, 0.3329, 0.3307$ is the 20% darker color. If you saturate the color by 10%, you get $45.0934, 0.3495, 0.3316$, and if you desaturate by 10%, it is $64.0210, 0.3114, 0.3289$.

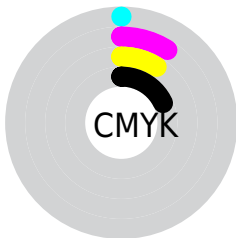
Distribution







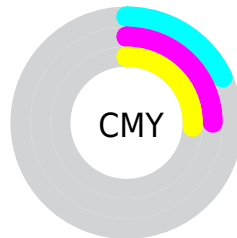
-  Red (82%)
-  Green (75%)
-  Blue (74%)






-  Red (82%)
-  Yellow (75%)
-  Blue (74%)



-  Cyan (0%)
-  Magenta (9%)
-  Yellow (9%)
-  Black (18%)





-  Cyan (18%)
-  Magenta (25%)
-  Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9109, 0.3284, 0.3302 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 53.9109, 0.3284, 0.3302 by changing the saturation by 10% instead.

 53.9109, 0.3284,
0.3302

 53.9109, 0.3284,
0.3302


401.7702, 0.3207,
0.3297

 38.5304, 0.3303,
0.3303


 95.9434, 0.3256,
0.3300

 26.3946, 0.3326,
0.3305


123.3642, 0.3246,
0.3299

 17.1191, 0.3358,
0.3306


155.5673, 0.3237,
0.3299

 10.3194, 0.3400,
0.3308


192.9370, 0.3229,
0.3298

 5.6113, 0.3463,
0.3311

235.8578, 0.3223,
0.3298

 2.6102, 0.3562,
0.3314

284.7139, 0.3217,

 0.9318, 0.3752,

0.3297

0.3325

339.8899, 0.3212,
0.3297

0.0000, 0.0000,
0.0000

53.9109, 0.3284,
0.3302

53.9109, 0.3284,
0.3302

45.0934, 0.3495,
0.3316

64.0210, 0.3114,
0.3289

37.5096, 0.3757,
0.3331

75.4653, 0.2976,
0.3277

31.1066, 0.4077,
0.3346

88.2926, 0.2865,
0.3266

25.8251, 0.4461,
0.3359

92.1525, 0.2849,
0.3289

21.6006, 0.4900,
0.3368

■ 18.3618, 0.5366,
0.3370

■ 16.0288, 0.5807,
0.3362

■ 14.5094, 0.6152,
0.3345

■ 13.6873, 0.6356,
0.3325

Harmonies

Analogous

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



53.9109, 0.3220, 0.3224



53.9109, 0.3284, 0.3302



53.9109, 0.3305, 0.3378

Triad

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



53.9109, 0.3284, 0.3302



53.9109, 0.3121, 0.3421



53.9109, 0.2978, 0.3149

Complementary

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



53.9109, 0.3284, 0.3302



60.0271, 0.2987, 0.3278

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.



53.9109, 0.2952, 0.3199



53.9109, 0.3284, 0.3302



53.9109, 0.3034, 0.3357

Square

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



53.9109, 0.3284, 0.3302



53.9109, 0.3210, 0.3448



53.9109, 0.2973, 0.3275



53.9109, 0.3043, 0.3137

Rectangle

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



53.9109, 0.3284, 0.3302



53.9109, 0.3292, 0.3417



53.9109, 0.2973, 0.3275



53.9109, 0.2964, 0.3162

Sweetspot

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



53.9133, 0.3284, 0.3302



94.9721, 0.3176, 0.3294



54.3283, 0.3145, 0.3079



20.0473, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



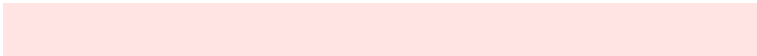
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9133, 0.3284, 0.3302



82.4994, 0.3323, 0.3305



58.1525, 0.3272, 0.3414



11.9035, 0.3289, 0.3302



8.5441, 0.6360, 0.3332



0.5125, 0.6229, 0.3436

Inverse Universe

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



60.0271, 0.2987, 0.3278



94.1537, 0.2957, 0.3275



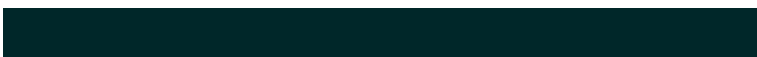
55.5709, 0.2987, 0.3163



13.2994, 0.2983, 0.3278



27.8829, 0.2203, 0.3131



1.5914, 0.2212, 0.3162

Previews

White Background



This preview shows how the Yxy color 53.9109, 0.3284, 0.3302 looks on a white background.

Color Contrast Check

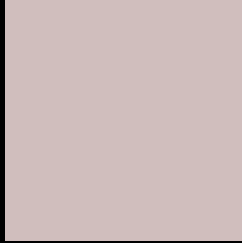
Large Text (above 18pt) WCAG AA × Fail

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 53.9109, 0.3284, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

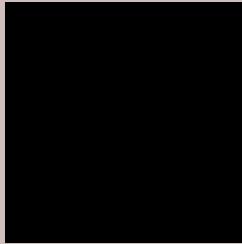
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9109, 0.3284, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.9109, 0.3284, 0.3302.



This preview shows how white text looks on a background with the Yxy color 53.9109, 0.3284, 0.3302.

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

53.9109, 0.3284, 0.3302

Protanopia

53.9073, 0.3183, 0.3315

Deuteranopia

53.9367, 0.3337, 0.3279



Tritanopia

53.9799, 0.3193, 0.3114

Trichromacy



Original Color

53.9109, 0.3284, 0.3302

Protanomaly

53.9735, 0.3224, 0.3315

Deuteranomaly

54.0664, 0.3319, 0.3291

Tritanomaly

54.0277, 0.3223, 0.3184

Monochromacy



Original Color

53.9109, 0.3284, 0.3302

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2695, 0.3184, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9109, 0.3284, 0.3302 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(208, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 189)  
}
```

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(208, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.9109, 0.3284, 0.3302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

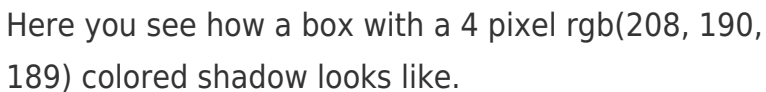
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 190, 189) }
```

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

```
.border{ border-color:rgb(208, 190, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 190, 189); box-shadow:4px 4px 4px 4px rgb(208, 190, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9109, 0.3284, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 189) }
```

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

```
.background{ background-color: rgb(208,  
190, 189) }
```

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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