

Converting Colors

$Yxy(50.0394, 0.3403, 0.3362)$

Have a look what the booklet for
Yxy(50.0394, 0.3403, 0.3362)
contains.

Yxy(50.0004, 0.3403, 0.3364)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.0004, 0.3403, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	D0B6B0
RGB	208, 182, 176
RGB Percent	82%, 71%, 69%
CMY	0.1842, 0.2863, 0.3098
CMYK	0.00, 0.13, 0.15, 0.18
HSL	11°, 25%, 75%
HSV	11°, 15%, 82%
XYZ	50.5801, 50.0004, 48.0533
YIQ	189.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

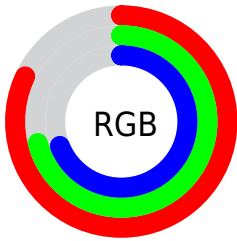
Format	Color
R _Y B	208, 183, 176
Decimal	13678256
CIE Lab	76.07, 8.33, 6.47
CIE LCh	76, 10.548, 37.831
Yxy	50.0004, 0.3403, 0.3364
Android (android.graphics.Color)	4291868336 (0xFFD0B6B0)
YUV	189.0900, -6.4534, 16.5841
Hunter-Lab	70.7110, 3.9382, 9.2058

Details

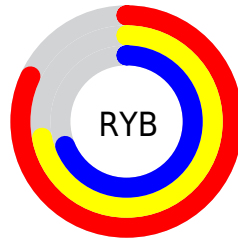
The Yxy color $50.0004, 0.3403, 0.3364$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.0301, 0.2892, 0.3215$, and the grayscale version is $50.9751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2353, 0.3279, 0.3349$, and $23.9281, 0.3471, 0.3373$ is the 20% darker color. If you saturate the color by 10%, you get $42.7321, 0.3631, 0.3416$, and if you desaturate by 10%, it is $58.2346, 0.3215, 0.3315$.

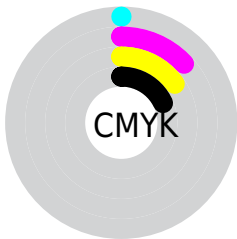
Distribution



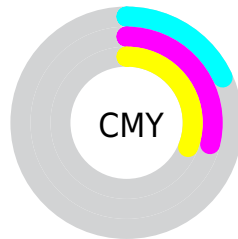
- Red (82%)
- Green (71%)
- Blue (69%)



- Red (82%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0004, 0.3403, 0.3364 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 50.0004, 0.3403, 0.3364 by changing the saturation by 10% instead.


 50.0004, 0.3403,
0.3364

 50.0004, 0.3403,
0.3364


386.6675, 0.3266,
0.3329

 35.4137, 0.3437,
0.3372


 90.1755, 0.3353,
0.3352

 23.9817, 0.3481,
0.3382

116.5326, 0.3335,
0.3347

 15.3201, 0.3538,
0.3395


147.5821, 0.3319,
0.3343

 9.0443, 0.3618,
0.3413

183.7082, 0.3305,
0.3339

 4.7701, 0.3737,
0.3436

225.2955, 0.3293,
0.3336

 2.1130, 0.3930,
0.3469

272.7281, 0.3283,

 0.6719, 0.4695,

0.3334

0.3747

326.3907, 0.3274,
0.3331

0.0000, 0.0000,
0.0000

50.0004, 0.3403,
0.3364

50.0004, 0.3403,
0.3364

42.7321, 0.3631,
0.3416

58.2346, 0.3215,
0.3315

36.3878, 0.3905,
0.3468

67.4616, 0.3059,
0.3270

30.9321, 0.4230,
0.3518

77.7154, 0.2931,
0.3228

26.3250, 0.4603,
0.3559

88.7531, 0.2846,
0.3233

22.5233, 0.5014,
0.3584

92.1529, 0.2849,
0.3289

■ 19.4797, 0.5432,
0.3583

■ 17.1422, 0.5813,
0.3549

■ 15.4514, 0.6104,
0.3483

■ 14.8659, 0.6210,
0.3452

Harmonies

Analogous

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



50.0004, 0.3329, 0.3239



50.0004, 0.3403, 0.3364



50.0004, 0.3401, 0.3473

Triad

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



50.0004, 0.3403, 0.3364



50.0004, 0.3051, 0.3459



50.0004, 0.2930, 0.3050

Complementary

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



50.0004, 0.3403, 0.3364



56.0301, 0.2892, 0.3215

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.



50.0004, 0.2860, 0.3101



50.0004, 0.3403, 0.3364



50.0004, 0.2928, 0.3338

Square

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



50.0004, 0.3403, 0.3364



50.0004, 0.3196, 0.3532



50.0004, 0.2859, 0.3206



50.0004, 0.3054, 0.3061

Rectangle

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



50.0004, 0.3403, 0.3364



50.0004, 0.3358, 0.3522



50.0004, 0.2859, 0.3206



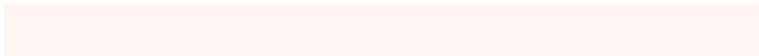
50.0004, 0.2900, 0.3060

Sweetspot

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



50.0026, 0.3403, 0.3364



92.7744, 0.3209, 0.3313



48.7307, 0.3192, 0.2979



19.6471, 0.3221, 0.3317



0.0000, 0.0000, 0.0000



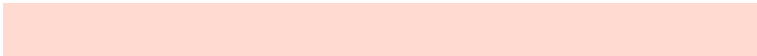
21.4041, 0.3127, 0.3290

Same Dimension

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



50.0026, 0.3403, 0.3364



75.8619, 0.3463, 0.3378



56.8792, 0.3374, 0.3553



12.1620, 0.3286, 0.3334



9.3682, 0.6189, 0.3468



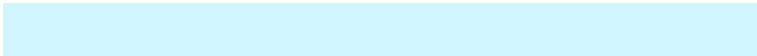
0.6335, 0.5844, 0.3741

Inverse Universe

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



56.0301, 0.2892, 0.3215



86.9378, 0.2851, 0.3200



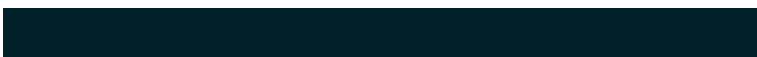
48.9577, 0.2885, 0.3013



13.0142, 0.2983, 0.3245



20.6510, 0.2079, 0.2682



1.2545, 0.2113, 0.2806

Previews

White Background



This preview shows how the Yxy color 50.0004, 0.3403, 0.3364 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 50.0004, 0.3403, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

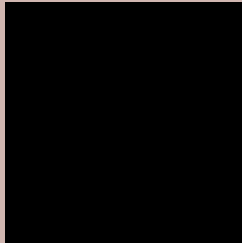
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0004, 0.3403, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 50.0004, 0.3403, 0.3364.



This preview shows how white text looks on a background with the Yxy color 50.0004, 0.3403, 0.3364.

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

50.0004, 0.3403, 0.3364

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

49.8840, 0.3422, 0.3351



Tritanopia

49.7921, 0.3282, 0.3123

Trichromacy



Original Color

50.0004, 0.3403, 0.3364

Protanomaly

49.9180, 0.3294, 0.3378

Deuteranomaly

49.7376, 0.3413, 0.3352

Tritanomaly

49.7857, 0.3322, 0.3206

Monochromacy



Original Color

50.0004, 0.3403, 0.3364

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3143, 0.3227, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0004, 0.3403, 0.3364 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, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 176)  
}
```

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, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.0004, 0.3403, 0.3364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

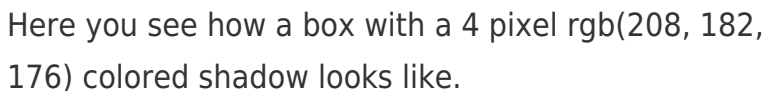
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 182, 176) }
```

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

```
.border{ border-color:rgb(208, 182, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 182, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 182, 176); box-shadow:4px 4px 4px 4px rgb(208, 182, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0004, 0.3403, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 176) }
```

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

```
.background{ background-color: rgb(208,  
182, 176) }
```

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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