

Converting Colors

$Yxy(45.0879, 0.3373, 0.3443)$

Have a look what the booklet for
Yxy(45.0879, 0.3373, 0.3443)
contains.

Yxy(45.0685, 0.3381, 0.3446)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.0685, 0.3381, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	C1B0A4
RGB	193, 176, 164
RGB Percent	76%, 69%, 64%
CMY	0.2432, 0.3098, 0.3568
CMYK	0.00, 0.09, 0.15, 0.24
HSL	25°, 19%, 70%
HSV	25°, 15%, 76%
XYZ	44.2184, 45.0685, 41.4981
YIQ	179.7150, 13.9840, -0.1280

Conversions

Conversions Part 2

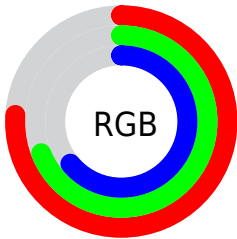
Format	Color
R_{YB}	193, 184, 164
Decimal	12693668
CIE _{Lab}	72.94, 4.08, 8.33
CIE _{LCh}	73, 9.279, 63.918
Yxy	45.0685, 0.3381, 0.3446
Android (android.graphics.Color)	4290883748 (0xFFC1B0A4)
YUV	179.7150, -7.7475, 11.6509
Hunter-Lab	67.1331, 0.0893, 10.3433

Details

The Yxy color **45.0685, 0.3381, 0.3446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7944, 0.2896, 0.3129**, and the grayscale version is **45.5189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1517, 0.3336, 0.3422**, and **21.0741, 0.3454, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **40.1712, 0.3584, 0.3557**, and if you desaturate by 10%, it is **50.4455, 0.3206, 0.3340**.

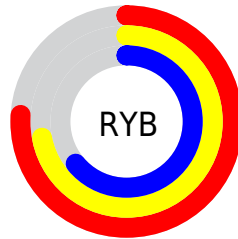
Distribution



Red (76%)

Green (69%)

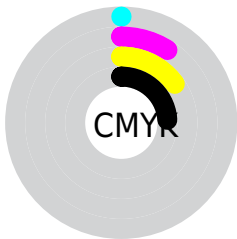
Blue (64%)



Red (76%)

Yellow (72%)

Blue (64%)

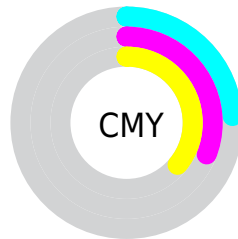


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (24%)



Cyan (24%)


Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0685, 0.3381, 0.3446 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 45.0685, 0.3381, 0.3446 by changing the saturation by 10% instead.


 45.0685, 0.3381,
0.3446

 45.0685, 0.3381,
0.3446


367.0509, 0.3253,
0.3369

 31.5114, 0.3413,
0.3465


 82.8232, 0.3334,
0.3418

 20.9886, 0.3455,
0.3490


 107.7896, 0.3317,
0.3407

 13.1156, 0.3511,
0.3522


137.3278, 0.3302,
0.3399

 7.5082, 0.3591,
0.3567

171.8223, 0.3289,
0.3391

 3.7819, 0.3710,
0.3632

211.6575, 0.3278,
0.3384

 1.5523, 0.3912,
0.3737

257.2177, 0.3269,

 0.3251, 0.5569,

0.3378

0.4431

308.8874, 0.3260,
0.3373

0.0000, 0.0000,
0.0000

45.0685, 0.3381,
0.3446

45.0685, 0.3381,
0.3446

40.1712, 0.3584,
0.3557

50.4455, 0.3206,
0.3340

35.7338, 0.3817,
0.3669

56.3094, 0.3055,
0.3242

31.7440, 0.4080,
0.3778

62.6746, 0.2925,
0.3150

28.1864, 0.4371,
0.3876

69.5532, 0.2814,
0.3066

25.0448, 0.4681,
0.3952

76.5967, 0.2747,
0.3047

■ 22.3017, 0.4995,
0.3992

■ 83.1945, 0.2758,
0.3170

■ 19.9378, 0.5292,
0.3986

■ 90.0767, 0.2768,
0.3289

■ 17.9317, 0.5547,
0.3927

■ 17.0515, 0.5663,
0.3886

Harmonies

Analogous

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



45.0685, 0.3373, 0.3343



45.0685, 0.3381, 0.3446



45.0685, 0.3320, 0.3510

Triad

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



45.0685, 0.3381, 0.3446



45.0685, 0.2958, 0.3349



45.0685, 0.3044, 0.3076

Complementary

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



45.0685, 0.3381, 0.3446



44.7944, 0.2896, 0.3129

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.



45.0685, 0.2936, 0.3074



45.0685, 0.3381, 0.3446



45.0685, 0.2888, 0.3229

Square

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



45.0685, 0.3381, 0.3446



45.0685, 0.3075, 0.3455



45.0685, 0.2879, 0.3128



45.0685, 0.3176, 0.3133

Rectangle

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



45.0685, 0.3381, 0.3446



45.0685, 0.3248, 0.3520



45.0685, 0.2879, 0.3128



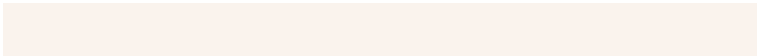
45.0685, 0.3004, 0.3069

Sweetspot

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



45.0705, 0.3381, 0.3446



90.2904, 0.3207, 0.3341



41.2466, 0.3246, 0.3067



19.2180, 0.3218, 0.3348



97.7402, 0.3127, 0.3290



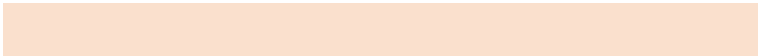
20.4902, 0.3127, 0.3290

Same Dimension

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



45.0705, 0.3381, 0.3446



77.7673, 0.3444, 0.3482



50.8863, 0.3355, 0.3622



10.7471, 0.3279, 0.3386



11.4917, 0.5640, 0.3904



0.6323, 0.5241, 0.4220

Inverse Universe

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



44.7944, 0.2896, 0.3129



77.1776, 0.2845, 0.3090



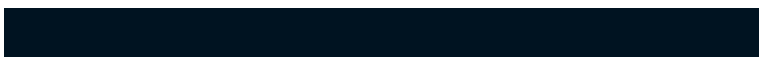
39.3506, 0.2889, 0.2935



10.7071, 0.2984, 0.3192



10.5993, 0.1859, 0.1890



0.5913, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 45.0685, 0.3381, 0.3446 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 45.0685, 0.3381, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

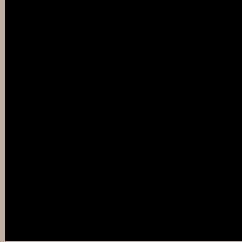
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

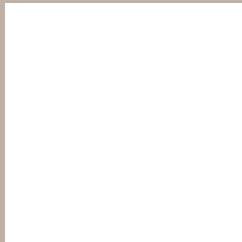
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0685, 0.3381, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 45.0685, 0.3381, 0.3446.



This preview shows how white text looks on a background with the Yxy color 45.0685, 0.3381, 0.3446.

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

45.0685, 0.3381, 0.3446

Protanopia

44.9965, 0.3305, 0.3462

Deuteranopia

45.1603, 0.3462, 0.3392



Tritanopia

45.1681, 0.3224, 0.3127

Trichromacy



Original Color

45.0685, 0.3381, 0.3446

Protanomaly

44.9797, 0.3334, 0.3448

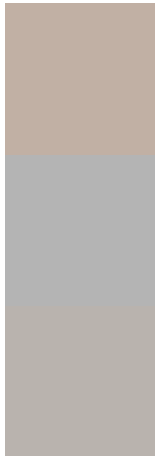
Deuteranomaly

45.1308, 0.3432, 0.3406

Tritanomaly

45.0886, 0.3282, 0.3240

Monochromacy



Original Color

45.0685, 0.3381, 0.3446

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6105, 0.3220, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0685, 0.3381, 0.3446 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(193, 176, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 164)  
}
```

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(193, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.0685, 0.3381, 0.3446 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(193, 176, 164) }
```

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

```
.border{ border-color:rgb(193, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0685, 0.3381, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 164) }
```

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

```
.background{ background-color: rgb(193,  
176, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor