

Converting Colors

$Yxy(45.1644, 0.3286, 0.3329)$

Have a look what the booklet for
Yxy(45.1644, 0.3286, 0.3329)
contains.

Yxy(45.1442, 0.3286, 0.3329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.1442, 0.3286, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	BFB0AD
RGB	191, 176, 173
RGB Percent	75%, 69%, 68%
CMY	0.2508, 0.3098, 0.3215
CMYK	0.00, 0.08, 0.09, 0.25
HSL	10°, 12%, 71%
HSV	10°, 9%, 75%
XYZ	44.5611, 45.1442, 45.9036
YIQ	180.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

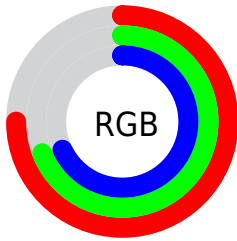
Format	Color
R_{YB}	191, 177, 173
Decimal	12562605
CIE Lab	72.99, 4.86, 3.46
CIE LCh	73, 5.968, 35.428
Yxy	45.1442, 0.3286, 0.3329
Android (android.graphics.Color)	4290752685 (0xFFBFB0AD)
YUV	180.1430, -3.5215, 9.5216
Hunter-Lab	67.1894, 0.8025, 6.5259

Details

The Yxy color **45.1442, 0.3286, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6367, 0.2983, 0.3251**, and the grayscale version is **45.7412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0888, 0.3256, 0.3331**, and **21.1991, 0.3334, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **38.5704, 0.3489, 0.3373**, and if you desaturate by 10%, it is **52.5618, 0.3119, 0.3288**.

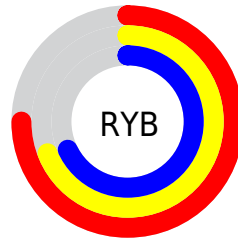
Distribution



Red (75%)

Green (69%)

Blue (68%)



Red (75%)

Yellow (69%)

Blue (68%)

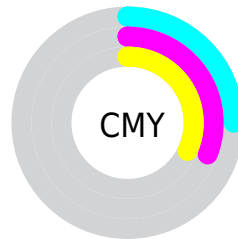


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1442, 0.3286, 0.3329 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 45.1442, 0.3286, 0.3329 by changing the saturation by 10% instead.


 45.1442, 0.3286,
0.3329

 45.1442, 0.3286,
0.3329

367.3573, 0.3206,
0.3310

 31.5710, 0.3306,
0.3334


 82.9368, 0.3257,
0.3322

 21.0341, 0.3332,
0.3340


107.9249, 0.3246,
0.3320

 13.1489, 0.3368,
0.3347


137.4869, 0.3237,
0.3317

 7.5312, 0.3417,
0.3358

172.0070, 0.3229,
0.3315

 3.7964, 0.3493,
0.3373

211.8697, 0.3222,
0.3314

 1.5604, 0.3621,
0.3397

257.4594, 0.3216,

 0.3307, 0.4910,

0.3312

0.3750

309.1605, 0.3211,
0.3311

0.0000, 0.0000,
0.0000

45.1442, 0.3286,
0.3329

45.1442, 0.3286,
0.3329

38.5704, 0.3489,
0.3373

52.5618, 0.3119,
0.3288

32.8047, 0.3736,
0.3419

60.8455, 0.2981,
0.3250

27.8176, 0.4032,
0.3465

70.0242, 0.2867,
0.3215

23.5754, 0.4380,
0.3506

80.1237, 0.2772,
0.3184

20.0422, 0.4776,
0.3537

89.8210, 0.2757,
0.3289

■ 17.1787, 0.5200,
0.3550

■ 14.9421, 0.5616,
0.3537

■ 13.2843, 0.5970,
0.3494

■ 12.1449, 0.6225,
0.3432

Harmonies

Analogous

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



45.1442, 0.3240, 0.3255



45.1442, 0.3286, 0.3329



45.1442, 0.3289, 0.3394

Triad

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



45.1442, 0.3286, 0.3329



45.1442, 0.3090, 0.3393



45.1442, 0.3007, 0.3150

Complementary

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



45.1442, 0.3286, 0.3329



48.6367, 0.2983, 0.3251

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.



45.1442, 0.2968, 0.3184



45.1442, 0.3286, 0.3329



45.1442, 0.3015, 0.3325

Square

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



45.1442, 0.3286, 0.3329



45.1442, 0.3175, 0.3432



45.1442, 0.2971, 0.3248



45.1442, 0.3078, 0.3152

Rectangle

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



45.1442, 0.3286, 0.3329



45.1442, 0.3266, 0.3423



45.1442, 0.2971, 0.3248



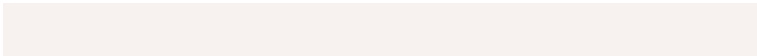
45.1442, 0.2990, 0.3157

Sweetspot

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



45.1462, 0.3286, 0.3329



89.1291, 0.3175, 0.3302



44.6164, 0.3160, 0.3095



19.3323, 0.3189, 0.3306



97.7402, 0.3127, 0.3290



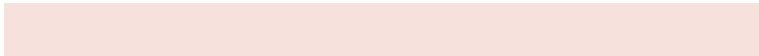
20.4902, 0.3127, 0.3290

Same Dimension

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



45.1462, 0.3286, 0.3329



78.6719, 0.3319, 0.3337



48.6819, 0.3274, 0.3440



9.7848, 0.3284, 0.3329



8.0258, 0.6219, 0.3444



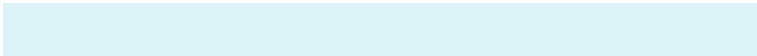
0.3951, 0.5806, 0.3772

Inverse Universe

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



48.6367, 0.2983, 0.3251



85.9835, 0.2957, 0.3243



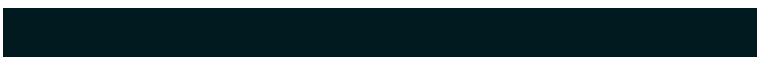
45.0160, 0.2983, 0.3135



10.5333, 0.2985, 0.3251



18.9545, 0.2100, 0.2760



0.8151, 0.2139, 0.2900

Previews

White Background



This preview shows how the Yxy color 45.1442, 0.3286, 0.3329 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 45.1442, 0.3286, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

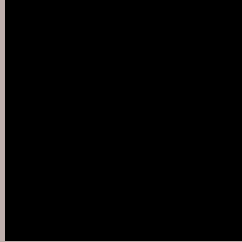
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1442, 0.3286, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 45.1442, 0.3286, 0.3329.



This preview shows how white text looks on a background with the Yxy color 45.1442, 0.3286, 0.3329.

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

45.1442, 0.3286, 0.3329

Protanopia

44.9641, 0.3204, 0.3343

Deuteranopia

45.0852, 0.3354, 0.3278



Tritanopia

45.1974, 0.3188, 0.3126

Trichromacy



Original Color

45.1442, 0.3286, 0.3329

Protanomaly

44.9394, 0.3231, 0.3330

Deuteranomaly

45.0639, 0.3325, 0.3291

Tritanomaly

45.2438, 0.3220, 0.3201

Monochromacy



Original Color

45.1442, 0.3286, 0.3329

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6049, 0.3187, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1442, 0.3286, 0.3329 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(191, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 173)  
}
```

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(191, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 173) }
```

Border

The CSS property to change the border of an element to Yxy 45.1442, 0.3286, 0.3329 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(191, 176, 173) }
```

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

```
.border{ border-color:rgb(191, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 176,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1442, 0.3286, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 173) }
```

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

```
.background{ background-color: rgb(191,  
176, 173) }
```

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