

Converting Colors

$Yxy(45.2647, 0.3289, 0.3278)$

Have a look what the booklet for
Yxy(45.2647, 0.3289, 0.3278)
contains.

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Color

Yxy(45.2639, 0.3289, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C2AFB0
RGB	194, 175, 176
RGB Percent	76%, 69%, 69%
CMY	0.2391, 0.3137, 0.3099
CMYK	0.00, 0.10, 0.09, 0.24
HSL	357°, 13%, 72%
HSV	357°, 10%, 76%
XYZ	45.4158, 45.2639, 47.4042
YIQ	180.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

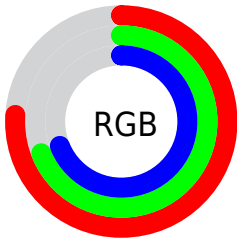
Format	Color
RYB	194, 175, 176
Decimal	12758960
CIELab	73.07, 6.99, 1.98
CIElCh	73, 7.267, 15.799
Yxy	45.2639, 0.3289, 0.3278
Android (android.graphics.Color)	4290949040 (0xFFC2AFB0)
YUV	180.7950, -2.3639, 11.5808
Hunter-Lab	67.2785, 2.7577, 5.3194

Details

The Yxy color `45.2639, 0.3289, 0.3278` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.5578, 0.2985, 0.3302`, and the grayscale version is `46.1018, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.4873, 0.3258, 0.3280`, and `21.1966, 0.3326, 0.3273` is the 20% darker color. If you saturate the color by 10%, you get `37.5683, 0.3495, 0.3265`, and if you desaturate by 10%, it is `54.1474, 0.3124, 0.3290`.

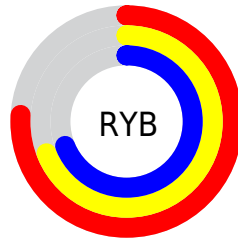
Distribution



Red (76%)

Green (69%)

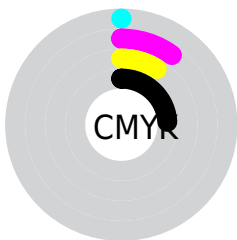
Blue (69%)



Red (76%)

Yellow (69%)

Blue (69%)

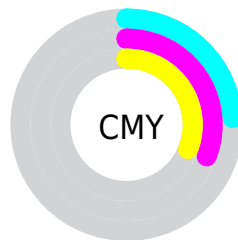


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2639, 0.3289, 0.3278 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 45.2639, 0.3289, 0.3278 by changing the saturation by 10% instead.


 45.2639, 0.3289,
0.3278

 45.2639, 0.3289,
0.3278


367.8413, 0.3207,
0.3285

 31.6653, 0.3310,
0.3276

 83.1163, 0.3259,
0.3280

 21.1060, 0.3336,
0.3274


108.1389, 0.3248,
0.3281

 13.2015, 0.3372,
0.3271


137.7383, 0.3239,
0.3282

 7.5675, 0.3422,
0.3266

172.2989, 0.3231,
0.3283

 3.8194, 0.3498,
0.3258

212.2051, 0.3224,
0.3283

 1.5731, 0.3628,
0.3243

257.8413, 0.3218,

 0.3394, 0.4637,

0.3284

0.3190

309.5919, 0.3212,
0.3284

0.0000, 0.0000,
0.0000

45.2639, 0.3289,
0.3278

45.2639, 0.3289,
0.3278

37.5683, 0.3495,
0.3265

54.1474, 0.3124,
0.3290

31.0046, 0.3750,
0.3252

64.2598, 0.2992,
0.3301

25.5212, 0.4064,
0.3239

75.6476, 0.2885,
0.3312

21.0603, 0.4442,
0.3228

88.3530, 0.2798,
0.3321

17.5585, 0.4876,
0.3222

90.2117, 0.2773,
0.3289

■ 14.9455, 0.5341,
0.3223

■ 13.1414, 0.5782,
0.3233

■ 12.0518, 0.6133,
0.3254

■ 11.5026, 0.6347,
0.3272

Harmonies

Analogous

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



45.2639, 0.3206, 0.3194



45.2639, 0.3289, 0.3278



45.2639, 0.3328, 0.3367

Triad

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



45.2639, 0.3289, 0.3278



45.2639, 0.3149, 0.3452



45.2639, 0.2945, 0.3142

Complementary

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



45.2639, 0.3289, 0.3278



51.5578, 0.2985, 0.3302

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.



45.2639, 0.2930, 0.3208



45.2639, 0.3289, 0.3278



45.2639, 0.3047, 0.3389

Square

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



45.2639, 0.3289, 0.3278



45.2639, 0.3247, 0.3469



45.2639, 0.2968, 0.3299



45.2639, 0.3007, 0.3116

Rectangle

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



45.2639, 0.3289, 0.3278



45.2639, 0.3324, 0.3417



45.2639, 0.2968, 0.3299



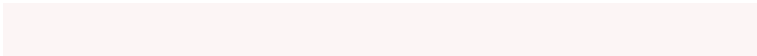
45.2639, 0.2934, 0.3160

Sweetspot

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



45.2659, 0.3289, 0.3278



92.6184, 0.3174, 0.3286



45.8611, 0.3127, 0.3052



19.9896, 0.3187, 0.3285



0.0000, 0.0000, 0.0000



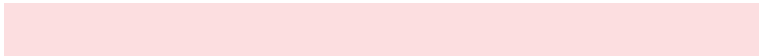
21.4041, 0.3127, 0.3290

Same Dimension

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



45.2659, 0.3289, 0.3278



78.4710, 0.3334, 0.3275



48.5338, 0.3286, 0.3395



10.0861, 0.3281, 0.3279



7.5588, 0.6337, 0.3265



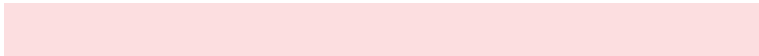
0.3295, 0.6111, 0.3140

Inverse Universe

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



45.2659, 0.3289, 0.3278



78.4710, 0.3334, 0.3275



48.0341, 0.2977, 0.3183



10.0861, 0.3281, 0.3279



7.5588, 0.6337, 0.3265



0.3295, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 45.2639, 0.3289, 0.3278 looks on a white background.

Color Contrast Check

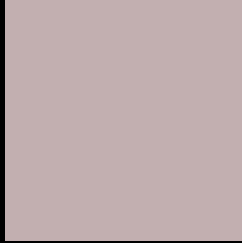
Large Text (above 18pt) WCAG AA × Fail

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 45.2639, 0.3289, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

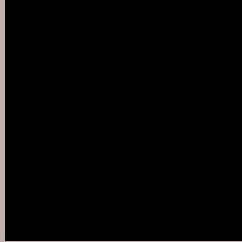
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2639, 0.3289, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 45.2639, 0.3289, 0.3278.



This preview shows how white text looks on a background with the Yxy color 45.2639, 0.3289, 0.3278.

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

45.2639, 0.3289, 0.3278

Protanopia

45.5218, 0.3170, 0.3303

Deuteranopia

45.4125, 0.3326, 0.3265



Tritanopia

45.2108, 0.3215, 0.3114

Trichromacy



Original Color

45.2639, 0.3289, 0.3278

Protanomaly

45.5799, 0.3214, 0.3303

Deuteranomaly

45.2770, 0.3317, 0.3265

Tritanomaly

45.2931, 0.3239, 0.3176

Monochromacy



Original Color

45.2639, 0.3289, 0.3278

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9340, 0.3188, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2639, 0.3289, 0.3278 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(194, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 175, 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(194, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 175, 176) }
```

Border

The CSS property to change the border of an element to Yxy 45.2639, 0.3289, 0.3278 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(194, 175, 176) }
```

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

```
.border{ border-color:rgb(194, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 175,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2639, 0.3289, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 175, 176) }
```

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

```
.background{ background-color: rgb(194,  
175, 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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