

Converting Colors

$Yxy(45.3537, 0.3269, 0.3269)$

Have a look what the booklet for
Yxy(45.3537, 0.3269, 0.3269)
contains.

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Color

Yxy(45.1717, 0.3271, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C1AFB1
RGB	193, 175, 177
RGB Percent	76%, 69%, 69%
CMY	0.2432, 0.3137, 0.3059
CMYK	0.00, 0.09, 0.08, 0.24
HSL	353°, 13%, 72%
HSV	353°, 9%, 76%
XYZ	45.2547, 45.1717, 47.9249
YIQ	180.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

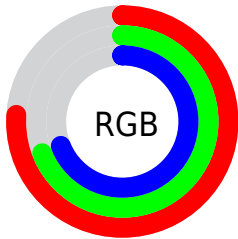
Format	Color
RYB	193, 175, 177
Decimal	12693425
CIELab	73.00, 6.79, 1.32
CIElCh	73, 6.918, 11.010
Yxy	45.1717, 0.3271, 0.3265
Android (android.graphics.Color)	4290883505 (0xFFC1AFB1)
YUV	180.6100, -1.7797, 10.8660
Hunter-Lab	67.2099, 2.5728, 4.7694

Details

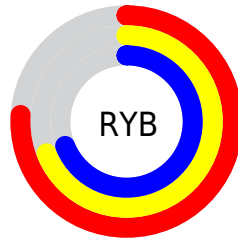
The Yxy color $45.1717, 0.3271, 0.3265$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.0107, 0.2999, 0.3315$, and the grayscale version is $45.9926, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3590, 0.3245, 0.3270$, and $21.1101, 0.3313, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $37.5479, 0.3462, 0.3236$, and if you desaturate by 10%, it is $53.9593, 0.3118, 0.3292$.

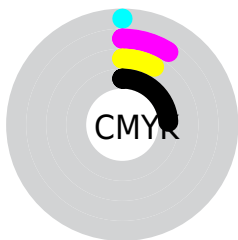
Distribution



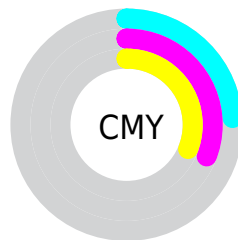
- Red (76%)
- Green (69%)
- Blue (69%)



- Red (76%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1717, 0.3271, 0.3265 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 45.1717, 0.3271, 0.3265 by changing the saturation by 10% instead.


 45.1717, 0.3271,
0.3265

 45.1717, 0.3271,
0.3265


367.4685, 0.3199,
0.3278

 31.5927, 0.3289,
0.3262


 82.9780, 0.3245,
0.3270

 21.0506, 0.3313,
0.3257


107.9741, 0.3235,
0.3272

 13.1610, 0.3345,
0.3251


137.5447, 0.3226,
0.3273

 7.5395, 0.3389,
0.3243

172.0741, 0.3219,
0.3274

 3.8017, 0.3457,
0.3230

211.9468, 0.3213,
0.3275

 1.5633, 0.3572,
0.3206

257.5472, 0.3208,

 0.3327, 0.4444,

0.3276

0.3068

309.2596, 0.3203,
0.3277

0.0000, 0.0000,
0.0000

45.1717, 0.3271,
0.3265

45.1717, 0.3271,
0.3265

37.5479, 0.3462,
0.3236

53.9593, 0.3118,
0.3292

31.0333, 0.3698,
0.3207

63.9502, 0.2994,
0.3316

25.5780, 0.3988,
0.3178

75.1897, 0.2894,
0.3339

21.1261, 0.4337,
0.3153

87.7188, 0.2812,
0.3359

17.6161, 0.4742,
0.3135

90.0756, 0.2768,
0.3289

■ 14.9802, 0.5184,
0.3131

■ 13.1413, 0.5622,
0.3146

■ 12.0089, 0.5996,
0.3182

■ 11.4241, 0.6258,
0.3227

Harmonies

Analogous

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



45.1717, 0.3187, 0.3187



45.1717, 0.3271, 0.3265



45.1717, 0.3316, 0.3350

Triad

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



45.1717, 0.3271, 0.3265



45.1717, 0.3164, 0.3450



45.1717, 0.2948, 0.3157

Complementary

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



45.1717, 0.3271, 0.3265



51.0107, 0.2999, 0.3315

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.



45.1717, 0.2942, 0.3225



45.1717, 0.3271, 0.3265



45.1717, 0.3066, 0.3396

Square

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



45.1717, 0.3271, 0.3265



45.1717, 0.3254, 0.3459



45.1717, 0.2985, 0.3313



45.1717, 0.3001, 0.3125

Rectangle

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



45.1717, 0.3271, 0.3265



45.1717, 0.3318, 0.3401



45.1717, 0.2985, 0.3313



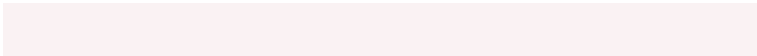
45.1717, 0.2940, 0.3176

Sweetspot

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



45.1737, 0.3271, 0.3265



90.5349, 0.3171, 0.3282



45.5756, 0.3120, 0.3063



19.1459, 0.3183, 0.3280



97.7402, 0.3127, 0.3290



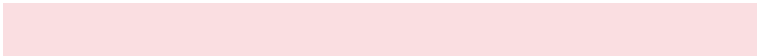
20.4902, 0.3127, 0.3290

Same Dimension

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



45.1737, 0.3271, 0.3265



78.2272, 0.3303, 0.3260



47.8466, 0.3279, 0.3378



10.0956, 0.3272, 0.3265



7.5835, 0.6252, 0.3218



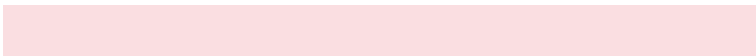
0.3338, 0.5817, 0.2978

Inverse Universe

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



45.1737, 0.3271, 0.3265



78.2272, 0.3303, 0.3260



48.1228, 0.2985, 0.3200



10.0956, 0.3272, 0.3265



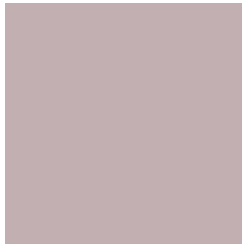
7.5835, 0.6252, 0.3218



0.3338, 0.5817, 0.2978

Previews

White Background



This preview shows how the Yxy color 45.1717, 0.3271, 0.3265 looks on a white background.

Color Contrast Check

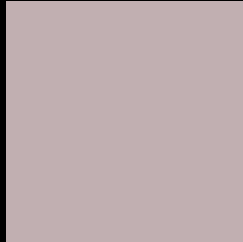
Large Text (above 18pt) WCAG AA × Fail

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 45.1717, 0.3271, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

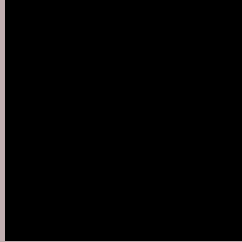
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1717, 0.3271, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 45.1717, 0.3271, 0.3265.



This preview shows how white text looks on a background with the Yxy color 45.1717, 0.3271, 0.3265.

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

45.1717, 0.3271, 0.3265

Protanopia

45.0405, 0.3154, 0.3277

Deuteranopia

44.9318, 0.3310, 0.3240



Tritanopia

44.9443, 0.3198, 0.3113

Trichromacy



Original Color

45.1717, 0.3271, 0.3265

Protanomaly

45.0977, 0.3198, 0.3277

Deuteranomaly

45.1822, 0.3300, 0.3252

Tritanomaly

45.1603, 0.3230, 0.3176

Monochromacy



Original Color

45.1717, 0.3271, 0.3265

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8498, 0.3171, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1717, 0.3271, 0.3265 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 177)  
}
```

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, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 45.1717, 0.3271, 0.3265 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, 175, 177) }
```

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

```
.border{ border-color:rgb(193, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(193, 175,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1717, 0.3271, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 177) }
```

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

```
.background{ background-color: rgb(193,  
175, 177) }
```

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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