

Converting Colors

$Yxy(45.1716, 0.3038, 0.3248)$

Have a look what the booklet for
Yxy(45.1716, 0.3038, 0.3248)
contains.

Yxy(45.3927, 0.3036, 0.3250)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.3927, 0.3036, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5B8
RGB	173, 181, 184
RGB Percent	68%, 71%, 72%
CMY	0.3217, 0.2901, 0.2784
CMYK	0.06, 0.02, 0.00, 0.28
HSL	196°, 7%, 70%
HSV	196°, 6%, 72%
XYZ	42.4038, 45.3927, 51.8734
YIQ	178.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

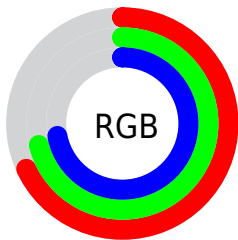
Format	Color
RYB	173, 178, 184
Decimal	11384248
CIELab	73.15, -2.21, -2.50
CIELCh	73, 3.336, 228.473
Yxy	45.3927, 0.3036, 0.3250
Android (android.graphics.Color)	4289574328 (0xFFADB5B8)
YUV	178.9500, 2.4897, -5.2181
Hunter-Lab	67.3741, -5.5607, 1.5127

Details

The Yxy color **45.3927, 0.3036, 0.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2395, 0.3223, 0.3330**, and the grayscale version is **45.0386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3536, 0.3050, 0.3259**, and **21.1420, 0.3014, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **41.4499, 0.2884, 0.3178**, and if you desaturate by 10%, it is **49.7006, 0.3188, 0.3315**.

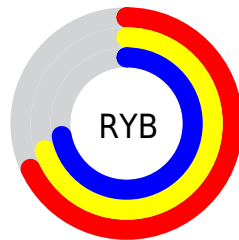
Distribution



Red (68%)

Green (71%)

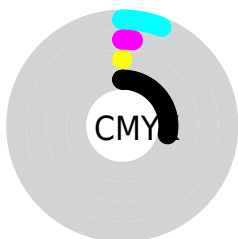
Blue (72%)



Red (68%)

Yellow (70%)

Blue (72%)

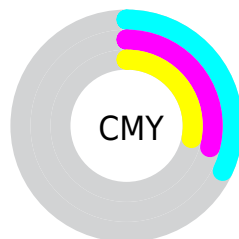


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3927, 0.3036, 0.3250 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 45.3927, 0.3036, 0.3250 by changing the saturation by 10% instead.

■ 45.3927, 0.3036,
0.3250

■ 45.3927, 0.3036,
0.3250

368.3617, 0.3082,
0.3270

■ 31.7669, 0.3025,
0.3245

■ 83.3094, 0.3053,
0.3257

■ 21.1835, 0.3010,
0.3238

108.3690, 0.3059,
0.3260

■ 13.2582, 0.2990,
0.3229

138.0087, 0.3064,
0.3263

■ 7.6066, 0.2962,
0.3216

172.6128, 0.3069,
0.3265

■ 3.8443, 0.2921,
0.3197

212.5658, 0.3073,
0.3266

■ 1.5868, 0.2851,
0.3164

258.2520, 0.3076,

■ 0.3487, 0.2350,

0.3268

0.2954

310.0558, 0.3079,
0.3269

0.0000, 0.0000,
0.0000

45.3927, 0.3036,
0.3250

45.3927, 0.3036,
0.3250

41.4499, 0.2884,
0.3178

49.7006, 0.3188,
0.3315

37.8540, 0.2735,
0.3099

54.3798, 0.3337,
0.3374

34.5937, 0.2591,
0.3014

59.4432, 0.3483,
0.3426

31.6545, 0.2456,
0.2923

64.9016, 0.3623,
0.3472

29.0212, 0.2333,
0.2827

68.8252, 0.3678,
0.3519

■ 26.6767, 0.2225,
0.2728

■ 71.2607, 0.3664,
0.3569

■ 24.6019, 0.2136,
0.2627

■ 73.7729, 0.3651,
0.3619

■ 22.7748, 0.2065,
0.2526

■ 76.3624, 0.3637,
0.3668

■ 21.1674, 0.2014,
0.2426

■ 79.0300, 0.3624,
0.3717

Harmonies

Analogous

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



45.3927, 0.3051, 0.3291



45.3927, 0.3036, 0.3250



45.3927, 0.3045, 0.3220

Triad

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



45.3927, 0.3036, 0.3250



45.3927, 0.3167, 0.3249



45.3927, 0.3179, 0.3372

Complementary

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



45.3927, 0.3036, 0.3250



44.2395, 0.3223, 0.3330

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.



45.3927, 0.3210, 0.3360



45.3927, 0.3036, 0.3250



45.3927, 0.3204, 0.3289

Square

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



45.3927, 0.3036, 0.3250



45.3927, 0.3121, 0.3220



45.3927, 0.3219, 0.3329



45.3927, 0.3133, 0.3362

Rectangle

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



45.3927, 0.3036, 0.3250



45.3927, 0.3063, 0.3211



45.3927, 0.3219, 0.3329



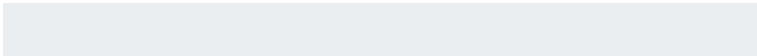
45.3927, 0.3191, 0.3370

Sweetspot

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



45.3946, 0.3036, 0.3250



85.3031, 0.3096, 0.3277



46.2927, 0.3097, 0.3398



18.4074, 0.3098, 0.3277



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.3946, 0.3036, 0.3250



81.4557, 0.3019, 0.3242



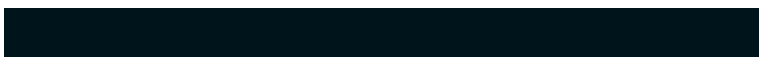
43.2131, 0.3037, 0.3177



9.9558, 0.3014, 0.3240



14.2932, 0.2000, 0.2398



0.6006, 0.2071, 0.2655

Inverse Universe

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



43.4024, 0.3159, 0.3185



77.2132, 0.3165, 0.3165



46.4275, 0.3217, 0.3401



9.4117, 0.3167, 0.3158



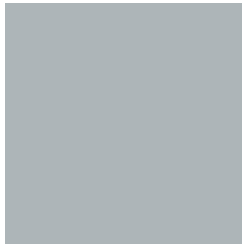
8.2252, 0.4025, 0.1991



0.2997, 0.3771, 0.1851

Previews

White Background



This preview shows how the Yxy color 45.3927, 0.3036, 0.3250 looks on a white background.

Color Contrast Check

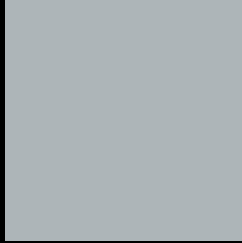
Large Text (above 18pt) WCAG AA × Fail

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 45.3927, 0.3036, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

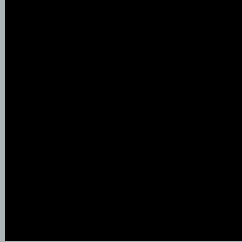
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

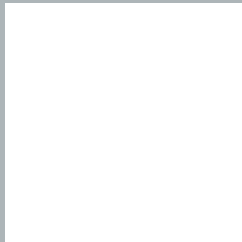
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3927, 0.3036, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 45.3927, 0.3036, 0.3250.

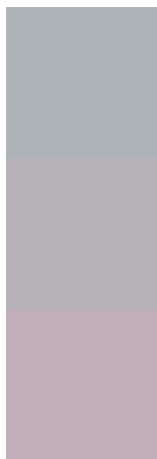


This preview shows how white text looks on a background with the Yxy color 45.3927, 0.3036, 0.3250.

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

45.3927, 0.3036, 0.3250

Protanopia

45.2048, 0.3122, 0.3225

Deuteranopia

45.2442, 0.3213, 0.3151



Tritanopia

45.2492, 0.2977, 0.3094

Trichromacy



Original Color

45.3927, 0.3036, 0.3250

Protanomaly

45.2428, 0.3095, 0.3237

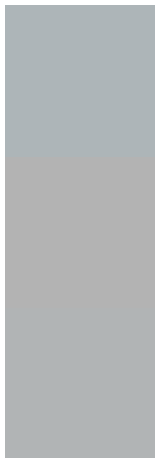
Deuteranomaly

45.3862, 0.3141, 0.3187

Tritanomaly

45.3589, 0.2999, 0.3158

Monochromacy



Original Color

45.3927, 0.3036, 0.3250

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3258, 0.3094, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3927, 0.3036, 0.3250 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(173, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 184)  
}
```

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(173, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 45.3927, 0.3036, 0.3250 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(173, 181, 184) }
```

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

```
.border{ border-color:rgb(173, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3927, 0.3036, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 184) }
```

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

```
.background{ background-color: rgb(173,  
181, 184) }
```

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