

Converting Colors

$Yxy(45.4939, 0.3032, 0.3149)$

Have a look what the booklet for
Yxy(45.4939, 0.3032, 0.3149)
contains.

Yxy(45.4229, 0.3032, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.4229, 0.3032, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	B2B3BE
RGB	178, 179, 190
RGB Percent	70%, 70%, 75%
CMY	0.3019, 0.2980, 0.2548
CMYK	0.06, 0.06, 0.00, 0.25
HSL	235°, 8%, 72%
HSV	235°, 6%, 75%
XYZ	43.7769, 45.4229, 55.1832
YIQ	179.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

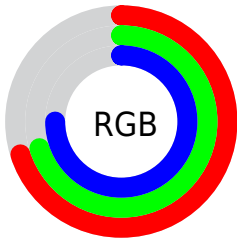
Format	Color
RYB	178, 179, 190
Decimal	11711422
CIELab	73.17, 1.78, -5.72
CIELCh	73, 5.989, 287.326
Yxy	45.4229, 0.3032, 0.3146
Android (android.graphics.Color)	4289901502 (0xFFB2B3BE)
YUV	179.9550, 4.9522, -1.7145
Hunter-Lab	67.3965, -2.0005, -1.3681

Details

The Yxy color $45.4229, 0.3032, 0.3146$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.5689, 0.3220, 0.3430$, and the grayscale version is $45.5929, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.5629, 0.3053, 0.3178$, and $21.0878, 0.2997, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $36.7790, 0.2867, 0.2893$, and if you desaturate by 10%, it is $55.2654, 0.3179, 0.3368$.

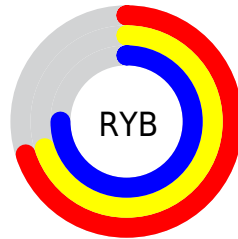
Distribution



Red (70%)

Green (70%)

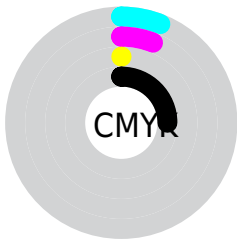
Blue (75%)



Red (70%)

Yellow (70%)

Blue (75%)

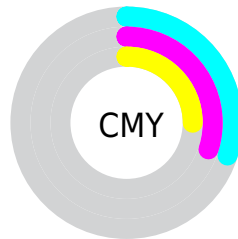


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4229, 0.3032, 0.3146 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 45.4229, 0.3032, 0.3146 by changing the saturation by 10% instead.

■ 45.4229, 0.3032,
0.3146

■ 45.4229, 0.3032,
0.3146

368.4836, 0.3080,
0.3218

■ 31.7907, 0.3020,
0.3128

■ 83.3547, 0.3049,
0.3172

■ 21.2017, 0.3004,
0.3105

108.4230, 0.3056,
0.3182

■ 13.2715, 0.2984,
0.3074

138.0721, 0.3062,
0.3190

■ 7.6158, 0.2954,
0.3031

172.6864, 0.3066,
0.3197

■ 3.8501, 0.2910,
0.2967

212.6503, 0.3070,
0.3204

■ 1.5901, 0.2837,
0.2861

258.3482, 0.3074,

■ 0.3509, 0.2497,

0.3209

0.2324

310.1645, 0.3077,
0.3214

0.0000, 0.0000,
0.0000

45.4229, 0.3032,
0.3146

45.4229, 0.3032,
0.3146

36.7790, 0.2867,
0.2893

55.2654, 0.3179,
0.3368

29.2822, 0.2684,
0.2610

66.3438, 0.3309,
0.3562

22.8861, 0.2487,
0.2301

78.7009, 0.3422,
0.3729

17.5388, 0.2282,
0.1974

92.3758, 0.3521,
0.3874

13.1841, 0.2078,
0.1643

96.4984, 0.3514,
0.3929

■ 9.7606, 0.1889,
0.1328

■ 7.2001, 0.1728,
0.1051

■ 5.4250, 0.1607,
0.0833

■ 4.3416, 0.1534,
0.0688

Harmonies

Analogous

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



45.4229, 0.2978, 0.3166



45.4229, 0.3032, 0.3146



45.4229, 0.3112, 0.3164

Triad

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



45.4229, 0.3032, 0.3146



45.4229, 0.3293, 0.3357



45.4229, 0.3058, 0.3368

Complementary

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



45.4229, 0.3032, 0.3146



50.5689, 0.3220, 0.3430

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.



45.4229, 0.3141, 0.3421



45.4229, 0.3032, 0.3146



45.4229, 0.3278, 0.3413

Square

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



45.4229, 0.3032, 0.3146



45.4229, 0.3263, 0.3284



45.4229, 0.3222, 0.3437



45.4229, 0.2993, 0.3294

Rectangle

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



45.4229, 0.3032, 0.3146



45.4229, 0.3169, 0.3194



45.4229, 0.3222, 0.3437



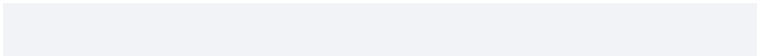
45.4229, 0.3084, 0.3389

Sweetspot

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



45.4248, 0.3032, 0.3146



89.6741, 0.3097, 0.3245



49.9741, 0.3038, 0.3303



19.7310, 0.3099, 0.3247



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.



45.4248, 0.3032, 0.3146



79.3068, 0.3003, 0.3103



45.6314, 0.3074, 0.3135



9.3486, 0.2984, 0.3073



2.7614, 0.1518, 0.0663



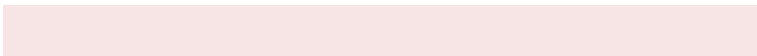
0.1517, 0.1581, 0.0890

Inverse Universe

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



46.0481, 0.3224, 0.3278



80.7521, 0.3255, 0.3274



50.3639, 0.3178, 0.3444



9.5488, 0.3276, 0.3271



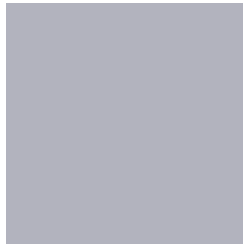
7.3085, 0.6295, 0.3241



0.2907, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 45.4229, 0.3032, 0.3146 looks on a white background.

Color Contrast Check

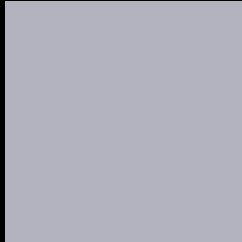
Large Text (above 18pt) WCAG AA × Fail

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 45.4229, 0.3032, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

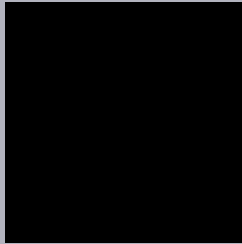
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

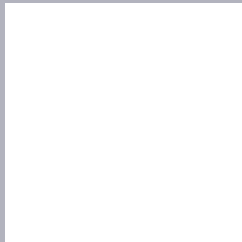
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4229, 0.3032, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 45.4229, 0.3032, 0.3146.

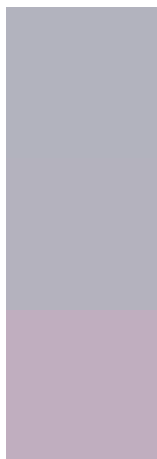


This preview shows how white text looks on a background with the Yxy color 45.4229, 0.3032, 0.3146.

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

45.4229, 0.3032, 0.3146

Protanopia

45.2618, 0.3049, 0.3134

Deuteranopia

45.2402, 0.3146, 0.3075



Tritanopia

45.5554, 0.3009, 0.3108

Trichromacy



Original Color

45.4229, 0.3032, 0.3146

Protanomaly

45.1422, 0.3041, 0.3133

Deuteranomaly

45.3771, 0.3101, 0.3098

Tritanomaly

45.5109, 0.3017, 0.3121

Monochromacy



Original Color

45.4229, 0.3032, 0.3146

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6869, 0.3087, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4229, 0.3032, 0.3146 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(178, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 179, 190)  
}
```

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(178, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 179, 190) }
```

Border

The CSS property to change the border of an element to Yxy 45.4229, 0.3032, 0.3146 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(178, 179, 190) }
```

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

```
.border{ border-color:rgb(178, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 179,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4229, 0.3032, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 179, 190) }
```

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

```
.background{ background-color: rgb(178,  
179, 190) }
```

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