

Converting Colors

$Y_{xy}(45.5739, 0.3130, 0.3364)$

Have a look what the booklet for
Yxy(45.5739, 0.3130, 0.3364)
contains.

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Color

Yxy(45.4124, 0.3124, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	B0B5B0
RGB	176, 181, 176
RGB Percent	69%, 71%, 69%
CMY	0.3099, 0.2902, 0.3099
CMYK	0.03, 0.00, 0.03, 0.29
HSL	120°, 3%, 70%
HSV	120°, 3%, 71%
XYZ	42.2605, 45.4124, 47.6039
YIQ	178.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

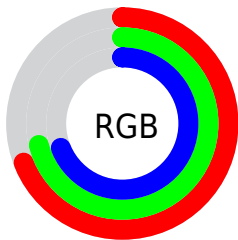
Format	Color
RYB	176, 181, 181
Decimal	11580848
CIELab	73.16, -2.70, 1.93
CIElCh	73, 3.319, 144.371
Yxy	45.4124, 0.3124, 0.3357
Android (android.graphics.Color)	4289770928 (0xFFB0B5B0)
YUV	178.9350, -1.4470, -2.5740
Hunter-Lab	67.3887, -5.9903, 5.2892

Details

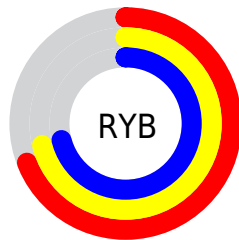
The Yxy color `45.4124, 0.3124, 0.3357` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `44.2056, 0.3130, 0.3224`, and the grayscale version is `45.0504, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.5504, 0.3125, 0.3342`, and `21.1787, 0.3124, 0.3363` is the 20% darker color. If you saturate the color by 10%, you get `42.7742, 0.3112, 0.3620`, and if you desaturate by 10%, it is `48.4313, 0.3135, 0.3128`.

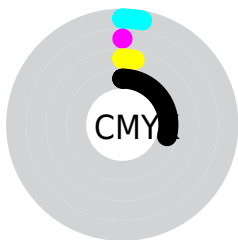
Distribution



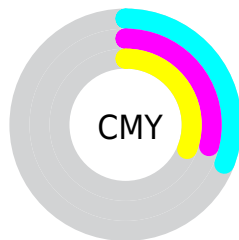
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4124, 0.3124, 0.3357 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 45.4124, 0.3124, 0.3357 by changing the saturation by 10% instead.

■ 45.4124, 0.3124,
0.3357

■ 45.4124, 0.3124,
0.3357

368.4412, 0.3126,
0.3323

■ 31.7824, 0.3124,
0.3366

■ 83.3389, 0.3125,
0.3345

■ 21.1953, 0.3123,
0.3377

108.4042, 0.3125,
0.3340

■ 13.2669, 0.3122,
0.3391

138.0500, 0.3125,
0.3336

■ 7.6126, 0.3121,
0.3412

172.6608, 0.3125,
0.3333

■ 3.8481, 0.3119,
0.3444

212.6209, 0.3125,
0.3330

■ 1.5889, 0.3115,
0.3498

258.3148, 0.3126,


■ 0.3501, 0.3093,

0.3327

0.4057


310.1267, 0.3126,
0.3325

 0.0000, 0.0000,
0.0000


 45.4124, 0.3124,
0.3357

 45.4124, 0.3124,
0.3357


 42.7742, 0.3112,
0.3620


 48.4313, 0.3135,
0.3128

 40.4961, 0.3098,
0.3917


 51.8390, 0.3144,
0.2930


 38.5643, 0.3082,
0.4245

 55.6508, 0.3152,
0.2759

 36.9617, 0.3066,
0.4594

 59.8793, 0.3159,
0.2614

 35.6701, 0.3049,
0.4949

 61.5322, 0.3161,
0.2566

■ 34.6692, 0.3033,
0.5286

■ 33.9366, 0.3020,
0.5579

■ 33.4464, 0.3009,
0.5802

■ 33.1678, 0.3003,
0.5940

Harmonies

Analogous

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



45.4124, 0.3170, 0.3371



45.4124, 0.3124, 0.3357



45.4124, 0.3079, 0.3324

Triad

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



45.4124, 0.3124, 0.3357



45.4124, 0.3050, 0.3217



45.4124, 0.3208, 0.3297

Complementary

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



45.4124, 0.3124, 0.3357



44.2056, 0.3130, 0.3224

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.



45.4124, 0.3176, 0.3256



45.4124, 0.3124, 0.3357



45.4124, 0.3084, 0.3210

Square

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



45.4124, 0.3124, 0.3357



45.4124, 0.3036, 0.3243



45.4124, 0.3130, 0.3225



45.4124, 0.3219, 0.3336

Rectangle

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



45.4124, 0.3124, 0.3357



45.4124, 0.3056, 0.3297



45.4124, 0.3130, 0.3225



45.4124, 0.3199, 0.3283

Sweetspot

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



45.4143, 0.3124, 0.3357



82.2269, 0.3126, 0.3314



46.0113, 0.3167, 0.3356



17.7782, 0.3126, 0.3313



91.1408, 0.3127, 0.3290



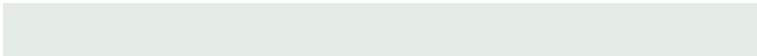
17.8868, 0.3127, 0.3290

Same Dimension

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



45.4143, 0.3124, 0.3357



81.1876, 0.3124, 0.3364



45.5147, 0.3104, 0.3323



9.8165, 0.3123, 0.3380



22.7826, 0.3000, 0.6000



0.7169, 0.3000, 0.5998

Inverse Universe

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



44.2056, 0.3130, 0.3224



78.8152, 0.3131, 0.3217



44.1034, 0.3151, 0.3257



9.4663, 0.3131, 0.3201



9.0702, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 45.4124, 0.3124, 0.3357 looks on a white background.

Color Contrast Check

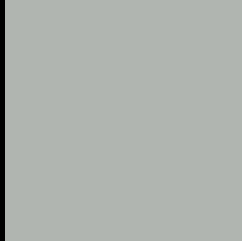
Large Text (above 18pt) WCAG AA × Fail

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 45.4124, 0.3124, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

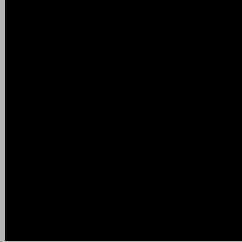
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

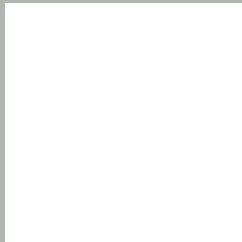
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4124, 0.3124, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 45.4124, 0.3124, 0.3357.



This preview shows how white text looks on a background with the Yxy color 45.4124, 0.3124, 0.3357.

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

45.4124, 0.3124, 0.3357

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

45.3167, 0.3309, 0.3253



Tritanopia

45.2748, 0.3017, 0.3095

Trichromacy



Original Color

45.4124, 0.3124, 0.3357

Protanomaly

45.5614, 0.3176, 0.3356

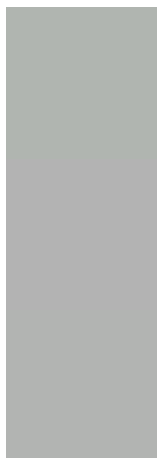
Deuteranomaly

45.4374, 0.3233, 0.3290

Tritanomaly

45.2930, 0.3055, 0.3185

Monochromacy



Original Color

45.4124, 0.3124, 0.3357

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3218, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4124, 0.3124, 0.3357 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(176, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 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(176, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 176) }
```

Border

The CSS property to change the border of an element to Yxy 45.4124, 0.3124, 0.3357 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(176, 181, 176) }
```

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

```
.border{ border-color:rgb(176, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 181,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4124, 0.3124, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 176) }
```

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

```
.background{ background-color: rgb(176,  
181, 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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