

Converting Colors

$Y_{xy}(45.1420, 0.3121, 0.3443)$

Have a look what the booklet for
Yxy(45.1420, 0.3121, 0.3443)
contains.

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Color

Yxy(45.0541, 0.3120, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	ABB6AB
RGB	171, 182, 171
RGB Percent	67%, 71%, 67%
CMY	0.3294, 0.2863, 0.3293
CMYK	0.06, 0.00, 0.06, 0.29
HSL	120°, 7%, 69%
HSV	120°, 6%, 71%
XYZ	40.8749, 45.0541, 45.0803
YIQ	177.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

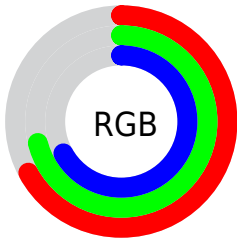
Format	Color
RYB	171, 182, 182
Decimal	11253419
CIELab	72.93, -5.90, 4.26
CIElCh	73, 7.278, 144.180
Yxy	45.0541, 0.3120, 0.3439
Android (android.graphics.Color)	4289443499 (0xFFABB6AB)
YUV	177.4570, -3.1833, -5.6628
Hunter-Lab	67.1224, -8.7646, 7.1657

Details

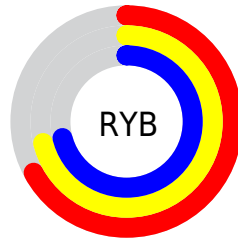
The Yxy color $45.0541, 0.3120, 0.3439$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.4485, 0.3134, 0.3145$, and the grayscale version is $44.2392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8088, 0.3121, 0.3416$, and $20.9544, 0.3118, 0.3478$ is the 20% darker color. If you saturate the color by 10%, you get $42.5049, 0.3107, 0.3713$, and if you desaturate by 10%, it is $47.9838, 0.3132, 0.3199$.

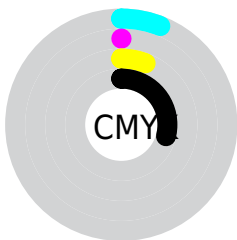
Distribution



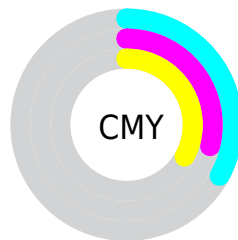
- Red (67%)
- Green (71%)
- Blue (67%)



- Red (67%)
- Yellow (71%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0541, 0.3120, 0.3439 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 45.0541, 0.3120, 0.3439 by changing the saturation by 10% instead.

■ 45.0541, 0.3120,
0.3439

■ 45.0541, 0.3120,
0.3439

366.9926, 0.3124,
0.3363

■ 31.5000, 0.3119,
0.3458

■ 82.8016, 0.3122,
0.3411

■ 20.9799, 0.3117,
0.3483

107.7638, 0.3122,
0.3401

■ 13.1093, 0.3115,
0.3517

137.2975, 0.3123,
0.3392

■ 7.5039, 0.3112,
0.3565

171.7872, 0.3123,
0.3385

■ 3.7792, 0.3106,
0.3639

211.6171, 0.3123,
0.3378

■ 1.5508, 0.3096,
0.3767

257.1717, 0.3124,

■ 0.3241, 0.3019,

0.3373

0.5967

308.8354, 0.3124,
0.3368

0.0000, 0.0000,
0.0000

45.0541, 0.3120,
0.3439

45.0541, 0.3120,
0.3439

42.5049, 0.3107,
0.3713

47.9838, 0.3132,
0.3199

40.3152, 0.3092,
0.4020

51.3026, 0.3142,
0.2991

38.4704, 0.3076,
0.4356

55.0262, 0.3150,
0.2813

36.9532, 0.3059,
0.4709

59.1675, 0.3158,
0.2659

35.7442, 0.3043,
0.5061

61.9368, 0.3161,
0.2575

■ 34.8225, 0.3028,
0.5387

■ 34.1642, 0.3015,
0.5659

■ 33.7418, 0.3006,
0.5856

■ 33.5197, 0.3001,
0.5967

Harmonies

Analogous

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



45.0541, 0.3222, 0.3470



45.0541, 0.3120, 0.3439



45.0541, 0.3021, 0.3366

Triad

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



45.0541, 0.3120, 0.3439



45.0541, 0.2957, 0.3129



45.0541, 0.3306, 0.3303

Complementary

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



45.0541, 0.3120, 0.3439



42.4485, 0.3134, 0.3145

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.



45.0541, 0.3233, 0.3215



45.0541, 0.3120, 0.3439



45.0541, 0.3031, 0.3116

Square

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



45.0541, 0.3120, 0.3439



45.0541, 0.2928, 0.3186



45.0541, 0.3132, 0.3147



45.0541, 0.3330, 0.3389

Rectangle

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



45.0541, 0.3120, 0.3439



45.0541, 0.2971, 0.3304



45.0541, 0.3132, 0.3147



45.0541, 0.3286, 0.3273

Sweetspot

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



45.0560, 0.3120, 0.3439



83.7291, 0.3125, 0.3339



46.3425, 0.3215, 0.3435



18.5054, 0.3125, 0.3336



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.



45.0560, 0.3120, 0.3439



81.1549, 0.3119, 0.3467



45.2694, 0.3077, 0.3364



10.1731, 0.3118, 0.3476



23.6268, 0.3000, 0.5999



0.8330, 0.2998, 0.5993

Inverse Universe

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



42.4485, 0.3134, 0.3145



75.6271, 0.3135, 0.3119



42.2264, 0.3180, 0.3217



9.4457, 0.3136, 0.3111



9.3987, 0.3214, 0.1544



0.3314, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 45.0541, 0.3120, 0.3439 looks on a white background.

Color Contrast Check

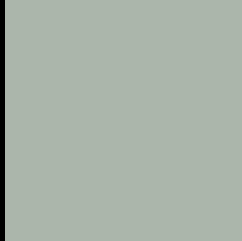
Large Text (above 18pt) WCAG AA × Fail

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 45.0541, 0.3120, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

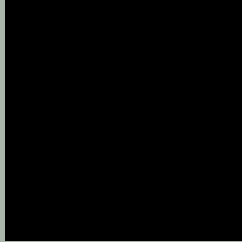
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

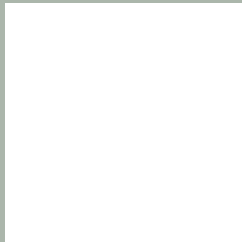
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0541, 0.3120, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 45.0541, 0.3120, 0.3439.



This preview shows how white text looks on a background with the Yxy color 45.0541, 0.3120, 0.3439.

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

45.0541, 0.3120, 0.3439

Protanopia

44.8957, 0.3254, 0.3409

Deuteranopia

44.9100, 0.3354, 0.3291



Tritanopia

45.0891, 0.2976, 0.3106

Trichromacy



Original Color

45.0541, 0.3120, 0.3439

Protanomaly

44.7262, 0.3200, 0.3410

Deuteranomaly

44.7206, 0.3267, 0.3343

Tritanomaly

45.0295, 0.3029, 0.3223

Monochromacy



Original Color

45.0541, 0.3120, 0.3439

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4493, 0.3125, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0541, 0.3120, 0.3439 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(171, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 182, 171)  
}
```

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(171, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 182, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.0541, 0.3120, 0.3439 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(171, 182, 171) }
```

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

```
.border{ border-color:rgb(171, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 182,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0541, 0.3120, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 182, 171) }
```

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

```
.background{ background-color: rgb(171,  
182, 171) }
```

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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