

Converting Colors

$Yxy(45.5654, 0.3135, 0.3429)$

Have a look what the booklet for
Yxy(45.5654, 0.3135, 0.3429)
contains.

Yxy(45.4331, 0.3138, 0.3425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.4331, 0.3138, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	AEB6AC
RGB	174, 182, 172
RGB Percent	68%, 71%, 67%
CMY	0.3177, 0.2862, 0.3256
CMYK	0.04, 0.00, 0.06, 0.29
HSL	108°, 6%, 69%
HSV	108°, 6%, 71%
XYZ	41.6260, 45.4331, 45.5923
YIQ	178.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

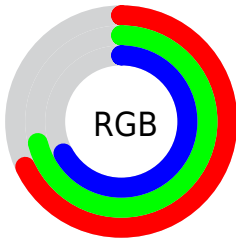
Format	Color
RYB	172, 182, 180
Decimal	11450028
CIELab	73.18, -4.68, 4.13
CIELCh	73, 6.236, 138.574
Yxy	45.4331, 0.3138, 0.3425
Android (android.graphics.Color)	4289640108 (0xFFAEB6AC)
YUV	178.4680, -3.1887, -3.9184
Hunter-Lab	67.4041, -7.7228, 7.0790

Details

The Yxy color **45.4331, 0.3138, 0.3425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5764, 0.3115, 0.3157**, and the grayscale version is **44.7989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3531, 0.3135, 0.3405**, and **21.1942, 0.3143, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **43.2017, 0.3156, 0.3693**, and if you desaturate by 10%, it is **47.9451, 0.3118, 0.3187**.

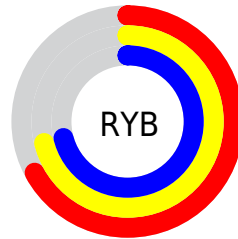
Distribution



Red (68%)

Green (71%)

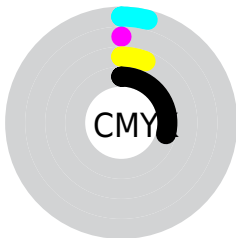
Blue (67%)



Red (67%)

Yellow (71%)

Blue (71%)

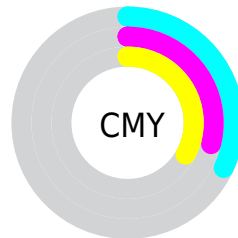


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (32%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4331, 0.3138, 0.3425 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 45.4331, 0.3138, 0.3425 by changing the saturation by 10% instead.

■ 45.4331, 0.3138,
0.3425

■ 45.4331, 0.3138,
0.3425

368.5248, 0.3133,
0.3357

■ 31.7987, 0.3139,
0.3442

■ 83.3699, 0.3136,
0.3400

■ 21.2078, 0.3141,
0.3465

108.4412, 0.3135,
0.3391

■ 13.2760, 0.3143,
0.3495

138.0935, 0.3135,
0.3383

■ 7.6189, 0.3145,
0.3538

172.7112, 0.3134,
0.3376

■ 3.8520, 0.3148,
0.3604

212.6789, 0.3134,
0.3370

■ 1.5911, 0.3153,
0.3717

258.3807, 0.3134,

■ 0.3516, 0.3304,

0.3365

0.5279

310.2012, 0.3133,
0.3361

0.0000, 0.0000,
0.0000

45.4331, 0.3138,
0.3425

45.4331, 0.3138,
0.3425

43.2017, 0.3156,
0.3693

47.9451, 0.3118,
0.3187

41.2356, 0.3172,
0.3988

50.7411, 0.3098,
0.2976

39.5264, 0.3184,
0.4307

53.8316, 0.3078,
0.2792

38.0633, 0.3189,
0.4639

57.2251, 0.3058,
0.2631

36.8348, 0.3187,
0.4972

60.4048, 0.3097,
0.2561

■ 35.8282, 0.3174,
0.5284

■ 61.9400, 0.3161,
0.2575

■ 35.0298, 0.3152,
0.5555

■ 34.4240, 0.3121,
0.5763

■ 33.9927, 0.3084,
0.5899

Harmonies

Analogous

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



45.4331, 0.3223, 0.3444



45.4331, 0.3138, 0.3425



45.4331, 0.3051, 0.3369

Triad

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



45.4331, 0.3138, 0.3425



45.4331, 0.2974, 0.3159



45.4331, 0.3271, 0.3287

Complementary

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



45.4331, 0.3138, 0.3425



42.5764, 0.3115, 0.3157

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.



45.4331, 0.3202, 0.3214



45.4331, 0.3138, 0.3425



45.4331, 0.3031, 0.3140

Square

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



45.4331, 0.3138, 0.3425



45.4331, 0.2957, 0.3214



45.4331, 0.3115, 0.3160



45.4331, 0.3300, 0.3363

Rectangle

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



45.4331, 0.3138, 0.3425



45.4331, 0.3004, 0.3318



45.4331, 0.3115, 0.3160



45.4331, 0.3251, 0.3261

Sweetspot

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



45.4351, 0.3138, 0.3425



83.8887, 0.3131, 0.3339



45.5002, 0.3209, 0.3394



18.5389, 0.3131, 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.



45.4351, 0.3138, 0.3425



81.6801, 0.3141, 0.3466



45.3159, 0.3099, 0.3387



10.2421, 0.3142, 0.3475



23.9209, 0.3075, 0.5940



0.8692, 0.3250, 0.5802

Inverse Universe

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



42.5764, 0.3115, 0.3157



75.0602, 0.3112, 0.3118



42.7035, 0.3157, 0.3195



9.3709, 0.3111, 0.3109



6.6947, 0.2712, 0.1268



0.2595, 0.2848, 0.1342

Previews

White Background



This preview shows how the Yxy color 45.4331, 0.3138, 0.3425 looks on a white background.

Color Contrast Check

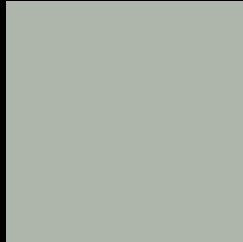
Large Text (above 18pt) WCAG AA × Fail

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 45.4331, 0.3138, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

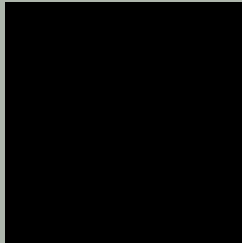
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

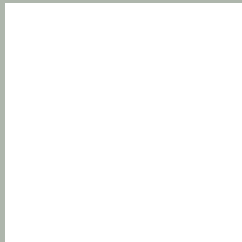
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4331, 0.3138, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 45.4331, 0.3138, 0.3425.



This preview shows how white text looks on a background with the Yxy color 45.4331, 0.3138, 0.3425.

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

45.4331, 0.3138, 0.3425

Protanopia

45.4568, 0.3253, 0.3409

Deuteranopia

45.4702, 0.3353, 0.3291



Tritanopia

45.4376, 0.3001, 0.3107

Trichromacy



Original Color

45.4331, 0.3138, 0.3425

Protanomaly

45.4065, 0.3208, 0.3410

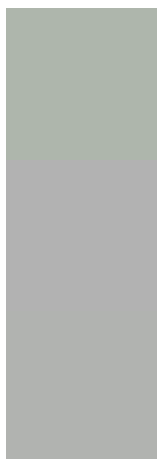
Deuteranomaly

45.4086, 0.3275, 0.3342

Tritanomaly

45.3754, 0.3054, 0.3224

Monochromacy



Original Color

45.4331, 0.3138, 0.3425

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7219, 0.3134, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4331, 0.3138, 0.3425 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(174, 182, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 172)  
}
```

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(174, 182, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.4331, 0.3138, 0.3425 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(174, 182, 172) }
```

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

```
.border{ border-color:rgb(174, 182, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4331, 0.3138, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 172) }
```

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

```
.background{ background-color: rgb(174,  
182, 172) }
```

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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