

Converting Colors

$Yxy(45.9127, 0.3140, 0.3475)$

Have a look what the booklet for
Yxy(45.9127, 0.3140, 0.3475)
contains.

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Color

Yxy(46.0675, 0.3144, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	ADB8AA
RGB	173, 184, 170
RGB Percent	68%, 72%, 67%
CMY	0.3215, 0.2784, 0.3334
CMYK	0.06, 0.00, 0.08, 0.28
HSL	107°, 9%, 69%
HSV	107°, 8%, 72%
XYZ	41.6316, 46.0675, 44.7169
YIQ	179.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

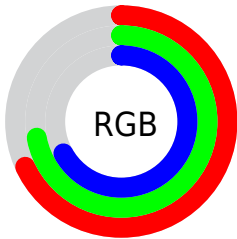
Format	Color
RYB	170, 184, 181
Decimal	11385002
CIELab	73.59, -6.44, 5.80
CIELCh	74, 8.668, 137.981
Yxy	46.0675, 0.3144, 0.3479
Android (android.graphics.Color)	4289575082 (0xFFADB8AA)
YUV	179.1150, -4.4937, -5.3629
Hunter-Lab	67.8730, -9.2905, 8.4490

Details

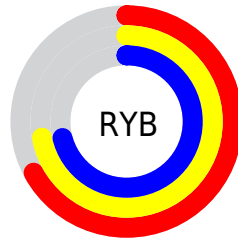
The Yxy color $46.0675, 0.3144, 0.3479$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.0209, 0.3109, 0.3105$, and the grayscale version is $45.1710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.2504, 0.3140, 0.3447$, and $21.6056, 0.3150, 0.3532$ is the 20% darker color. If you saturate the color by 10%, you get $43.8661, 0.3165, 0.3752$, and if you desaturate by 10%, it is $48.5474, 0.3122, 0.3234$.

Distribution



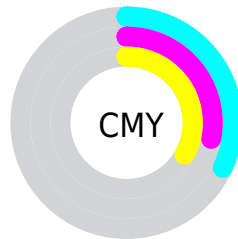
- Red (68%)
- Green (72%)
- Blue (67%)



- Red (67%)
- Yellow (72%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0675, 0.3144, 0.3479 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 46.0675, 0.3144, 0.3479 by changing the saturation by 10% instead.

■ 46.0675, 0.3144,
0.3479

■ 46.0675, 0.3144,
0.3479

371.0800, 0.3136,
0.3383

■ 32.2991, 0.3146,
0.3503

■ 84.3200, 0.3141,
0.3444

■ 21.5901, 0.3148,
0.3535

109.5729, 0.3140,
0.3431

■ 13.5560, 0.3151,
0.3577

139.4227, 0.3139,
0.3420

■ 7.8125, 0.3154,
0.3638

174.2539, 0.3138,
0.3410

■ 3.9752, 0.3159,
0.3730

214.4508, 0.3138,
0.3402

■ 1.6597, 0.3164,
0.3889

260.3979, 0.3137,

■ 0.3974, 0.3419,

0.3395

0.6162

312.4795, 0.3137,
0.3389

0.0000, 0.0000,
0.0000

46.0675, 0.3144,
0.3479

46.0675, 0.3144,
0.3479

43.8661, 0.3165,
0.3752

48.5474, 0.3122,
0.3234

41.9278, 0.3182,
0.4052

51.3090, 0.3099,
0.3018

40.2442, 0.3195,
0.4374

54.3630, 0.3077,
0.2828

38.8045, 0.3201,
0.4706

57.7178, 0.3055,
0.2661

37.5971, 0.3198,
0.5034

60.9236, 0.3083,
0.2578

■ 36.6092, 0.3184,
0.5338

■ 62.7612, 0.3160,
0.2595

■ 35.8271, 0.3160,
0.5596

■ 35.2349, 0.3126,
0.5790

■ 34.8123, 0.3087,
0.5913

Harmonies

Analogous

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



46.0675, 0.3261, 0.3503



46.0675, 0.3144, 0.3479



46.0675, 0.3024, 0.3401

Triad

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



46.0675, 0.3144, 0.3479



46.0675, 0.2915, 0.3110



46.0675, 0.3325, 0.3283

Complementary

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



46.0675, 0.3144, 0.3479



42.0209, 0.3109, 0.3105

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.



46.0675, 0.3229, 0.3183



46.0675, 0.3144, 0.3479



46.0675, 0.2992, 0.3084

Square

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



46.0675, 0.3144, 0.3479



46.0675, 0.2893, 0.3186



46.0675, 0.3107, 0.3110



46.0675, 0.3367, 0.3387

Rectangle

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



46.0675, 0.3144, 0.3479



46.0675, 0.2959, 0.3330



46.0675, 0.3107, 0.3110



46.0675, 0.3298, 0.3248

Sweetspot

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



46.0695, 0.3144, 0.3479



85.9601, 0.3132, 0.3339



46.0295, 0.3242, 0.3432



18.5416, 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.



46.0695, 0.3144, 0.3479



82.8700, 0.3147, 0.3519



45.8699, 0.3089, 0.3429



10.1516, 0.3148, 0.3524



23.9622, 0.3086, 0.5932



0.8722, 0.3269, 0.5787

Inverse Universe

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



42.0209, 0.3109, 0.3105



74.1474, 0.3104, 0.3067



42.2380, 0.3167, 0.3155



9.0618, 0.3104, 0.3062



6.5073, 0.2672, 0.1246



0.2542, 0.2818, 0.1326

Previews

White Background



This preview shows how the Yxy color 46.0675, 0.3144, 0.3479 looks on a white background.

Color Contrast Check

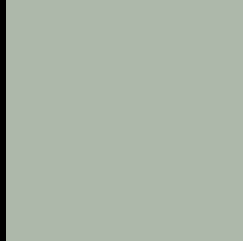
Large Text (above 18pt) WCAG AA × Fail

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 46.0675, 0.3144, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

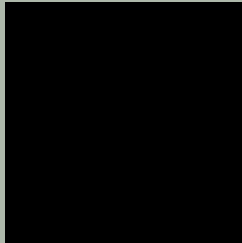
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0675, 0.3144, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 46.0675, 0.3144, 0.3479.



This preview shows how white text looks on a background with the Yxy color 46.0675, 0.3144, 0.3479.

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

46.0675, 0.3144, 0.3479

Protanopia

46.0345, 0.3286, 0.3447

Deuteranopia

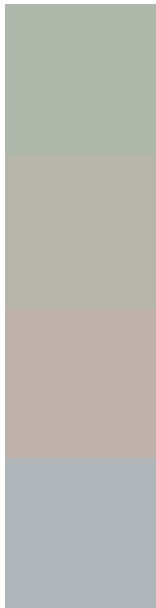
45.6682, 0.3389, 0.3316



Tritanopia

45.9298, 0.2986, 0.3095

Trichromacy



Original Color

46.0675, 0.3144, 0.3479

Protanomaly

45.8574, 0.3232, 0.3449

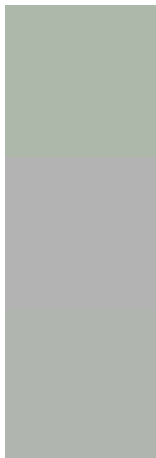
Deuteranomaly

45.8574, 0.3300, 0.3381

Tritanomaly

45.8230, 0.3046, 0.3224

Monochromacy



Original Color

46.0675, 0.3144, 0.3479

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5294, 0.3133, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0675, 0.3144, 0.3479 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, 184, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 170)  
}
```

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, 184, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 170) }
```

Border

The CSS property to change the border of an element to Yxy 46.0675, 0.3144, 0.3479 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, 184, 170) }
```

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

```
.border{ border-color:rgb(173, 184, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0675, 0.3144, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 170) }
```

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

```
.background{ background-color: rgb(173,  
184, 170) }
```

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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