

Converting Colors

Yxy(46.5246, 0.3104, 0.3438)

Have a look what the booklet for
Yxy(46.5246, 0.3104, 0.3438)
contains.

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Color

Yxy(46.5246, 0.3104, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9AE
RGB	172, 185, 174
RGB Percent	67%, 73%, 68%
CMY	0.3254, 0.2745, 0.3178
CMYK	0.07, 0.00, 0.06, 0.27
HSL	129°, 8%, 70%
HSV	129°, 7%, 73%
XYZ	42.0048, 46.5246, 46.7952
YIQ	179.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

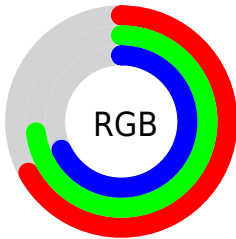
Format	Color
RYB	172, 183, 185
Decimal	11319726
CIELab	73.88, -6.58, 4.04
CIELCh	74, 7.724, 148.438
Yxy	46.5246, 0.3104, 0.3438
Android (android.graphics.Color)	4289509806 (0xFFACB9AE)
YUV	179.8590, -2.8885, -6.8923
Hunter-Lab	68.2089, -9.4409, 7.0699

Details

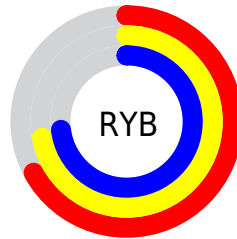
The Yxy color $46.5246, 0.3104, 0.3438$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2525, 0.3151, 0.3146$, and the grayscale version is $45.5822, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8986, 0.3108, 0.3415$, and $21.9007, 0.3096, 0.3475$ is the 20% darker color. If you saturate the color by 10%, you get $43.9985, 0.3070, 0.3673$, and if you desaturate by 10%, it is $49.4180, 0.3137, 0.3231$.

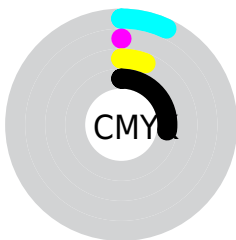
Distribution



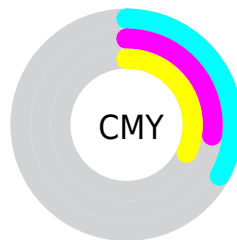
- Red (67%)
- Green (73%)
- Blue (68%)



- Red (67%)
- Yellow (72%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5246, 0.3104, 0.3438 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 46.5246, 0.3104, 0.3438 by changing the saturation by 10% instead.

■ 46.5246, 0.3104,
0.3438

■ 46.5246, 0.3104,
0.3438

372.9137, 0.3116,
0.3363

■ 32.6600, 0.3101,
0.3457

■ 85.0036, 0.3108,
0.3411

■ 21.8661, 0.3097,
0.3481

110.3867, 0.3110,
0.3400

■ 13.7585, 0.3091,
0.3514

140.3782, 0.3111,
0.3392

■ 7.9529, 0.3083,
0.3561

175.3623, 0.3113,
0.3384

■ 4.0648, 0.3071,
0.3632

215.7235, 0.3114,
0.3378

■ 1.7099, 0.3048,
0.3753

261.8462, 0.3115,

■ 0.4301, 0.2872,

0.3373

0.4979

314.1148, 0.3115,
0.3368

0.0000, 0.0000,
0.0000

46.5246, 0.3104,
0.3438

46.5246, 0.3104,
0.3438

43.9985, 0.3070,
0.3673

49.4180, 0.3137,
0.3231

41.8193, 0.3037,
0.3936

52.6862, 0.3168,
0.3050

39.9735, 0.3005,
0.4224

56.3443, 0.3198,
0.2893

38.4446, 0.2977,
0.4531

60.4045, 0.3225,
0.2758

37.2146, 0.2955,
0.4846

63.0260, 0.3177,
0.2625

■ 36.2636, 0.2942,
0.5152

■ 63.1775, 0.3159,
0.2604

■ 35.5695, 0.2939,
0.5431

■ 35.1064, 0.2946,
0.5663

■ 34.8396, 0.2962,
0.5835

Harmonies

Analogous

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



46.5246, 0.3212, 0.3478



46.5246, 0.3104, 0.3438



46.5246, 0.3003, 0.3357

Triad

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



46.5246, 0.3104, 0.3438



46.5246, 0.2957, 0.3116



46.5246, 0.3322, 0.3317

Complementary

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



46.5246, 0.3104, 0.3438



43.2525, 0.3151, 0.3146

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.



46.5246, 0.3251, 0.3224



46.5246, 0.3104, 0.3438



46.5246, 0.3040, 0.3109

Square

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



46.5246, 0.3104, 0.3438



46.5246, 0.2920, 0.3170



46.5246, 0.3148, 0.3149



46.5246, 0.3339, 0.3405

Rectangle

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



46.5246, 0.3104, 0.3438



46.5246, 0.2954, 0.3291



46.5246, 0.3148, 0.3149



46.5246, 0.3303, 0.3286

Sweetspot

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



46.5266, 0.3104, 0.3438



85.8241, 0.3121, 0.3332



47.7777, 0.3214, 0.3460



18.5138, 0.3121, 0.3329



93.3107, 0.3127, 0.3290



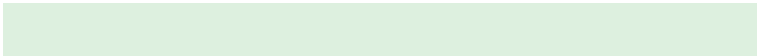
18.7317, 0.3127, 0.3290

Same Dimension

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



46.5266, 0.3104, 0.3438



82.7901, 0.3100, 0.3463



46.7770, 0.3056, 0.3353



10.0814, 0.3096, 0.3490



23.6891, 0.2961, 0.5860



0.8421, 0.2851, 0.5463

Inverse Universe

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



43.2525, 0.3151, 0.3146



76.0393, 0.3155, 0.3123



42.9969, 0.3204, 0.3228



9.1390, 0.3160, 0.3098



8.6967, 0.3621, 0.1769



0.3129, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 46.5246, 0.3104, 0.3438 looks on a white background.

Color Contrast Check

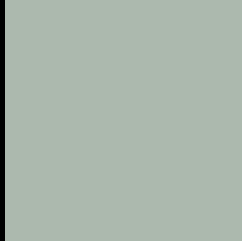
Large Text (above 18pt) WCAG AA × Fail

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 46.5246, 0.3104, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

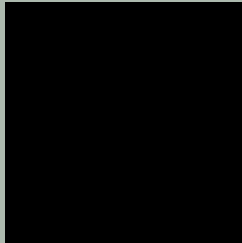
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

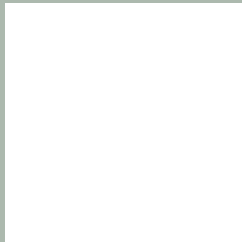
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5246, 0.3104, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 46.5246, 0.3104, 0.3438.



This preview shows how white text looks on a background with the Yxy color 46.5246, 0.3104, 0.3438.

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

46.5246, 0.3104, 0.3438

Protanopia

46.5911, 0.3252, 0.3407

Deuteranopia

46.2120, 0.3352, 0.3278



Tritanopia

46.6715, 0.2970, 0.3108

Trichromacy



Original Color

46.5246, 0.3104, 0.3438

Protanomaly

46.4181, 0.3199, 0.3409

Deuteranomaly

46.2825, 0.3256, 0.3342

Tritanomaly

46.6118, 0.3022, 0.3224

Monochromacy



Original Color

46.5246, 0.3104, 0.3438

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.0174, 0.3116, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5246, 0.3104, 0.3438 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(172, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 174)  
}
```

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(172, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 174) }
```

Border

The CSS property to change the border of an element to Yxy 46.5246, 0.3104, 0.3438 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(172, 185, 174) }
```

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

```
.border{ border-color:rgb(172, 185, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5246, 0.3104, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 174) }
```

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

```
.background{ background-color: rgb(172,  
185, 174) }
```

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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