

Converting Colors

$Yxy(46.1194, 0.2974, 0.3189)$

Have a look what the booklet for
Yxy(46.1194, 0.2974, 0.3189)
contains.

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Color

Yxy(46.2426, 0.2974, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	ABB7BE
RGB	171, 183, 190
RGB Percent	67%, 72%, 75%
CMY	0.3296, 0.2823, 0.2548
CMYK	0.10, 0.04, 0.00, 0.25
HSL	202°, 13%, 71%
HSV	202°, 10%, 75%
XYZ	43.0170, 46.2426, 55.3841
YIQ	180.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

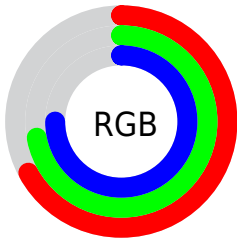
Format	Color
RYB	171, 178, 190
Decimal	11253694
CIELab	73.70, -2.76, -4.99
CIELCh	74, 5.704, 241.042
Yxy	46.2426, 0.2974, 0.3197
Android (android.graphics.Color)	4289443774 (0xFFABB7BE)
YUV	180.2100, 4.8265, -8.0772
Hunter-Lab	68.0019, -6.0868, -0.6873

Details

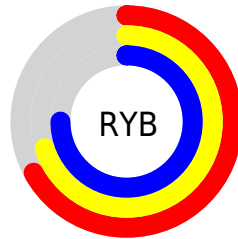
The Yxy color **46.2426, 0.2974, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7151, 0.3291, 0.3381**, and the grayscale version is **45.7360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5556, 0.3001, 0.3218**, and **21.6933, 0.2931, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **41.4521, 0.2819, 0.3094**, and if you desaturate by 10%, it is **51.4867, 0.3127, 0.3290**.

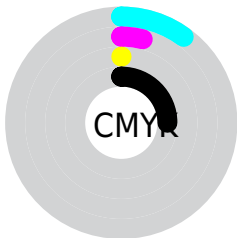
Distribution



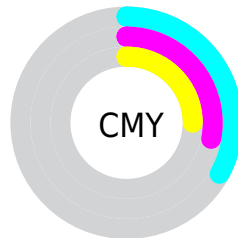
- Red (67%)
- Green (72%)
- Blue (75%)



- Red (67%)
- Yellow (70%)
- Blue (75%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2426, 0.2974, 0.3197 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 46.2426, 0.2974, 0.3197 by changing the saturation by 10% instead.

■ 46.2426, 0.2974,
0.3197

■ 46.2426, 0.2974,
0.3197

371.7831, 0.3050,
0.3244

■ 32.4373, 0.2955,
0.3185

■ 84.5820, 0.3002,
0.3214

■ 21.6957, 0.2931,
0.3170

109.8848, 0.3012,
0.3221

■ 13.6335, 0.2898,
0.3149

139.7890, 0.3021,
0.3226

■ 7.8662, 0.2853,
0.3121

174.6788, 0.3029,
0.3231

■ 4.0095, 0.2785,
0.3077

214.9388, 0.3035,
0.3235

■ 1.6789, 0.2674,
0.3003

260.9532, 0.3041,

■ 0.4099, 0.2109,

0.3238

0.2684

313.1065, 0.3046,
0.3241

0.0000, 0.0000,
0.0000

46.2426, 0.2974,
0.3197

46.2426, 0.2974,
0.3197

41.4521, 0.2819,
0.3094

51.4867, 0.3127,
0.3290

37.0943, 0.2666,
0.2982

57.1929, 0.3275,
0.3373

33.1551, 0.2516,
0.2861

63.3765, 0.3419,
0.3446

29.6172, 0.2374,
0.2731

70.0506, 0.3555,
0.3512

26.4619, 0.2244,
0.2595

75.0875, 0.3601,
0.3577

■ 23.6687, 0.2129,
0.2455

■ 78.7851, 0.3584,
0.3646

■ 21.2142, 0.2033,
0.2314

■ 82.6372, 0.3567,
0.3714

■ 19.0714, 0.1957,
0.2174

■ 86.6456, 0.3551,
0.3781

■ 17.1942, 0.1899,
0.2037

■ 90.8119, 0.3534,
0.3846

Harmonies

Analogous

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



46.2426, 0.2983, 0.3260



46.2426, 0.2974, 0.3197



46.2426, 0.3005, 0.3160

Triad

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



46.2426, 0.2974, 0.3197



46.2426, 0.3225, 0.3247



46.2426, 0.3184, 0.3427

Complementary

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



46.2426, 0.2974, 0.3197



45.7151, 0.3291, 0.3381

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.



46.2426, 0.3250, 0.3422



46.2426, 0.2974, 0.3197



46.2426, 0.3274, 0.3317

Square

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



46.2426, 0.2974, 0.3197



46.2426, 0.3150, 0.3189



46.2426, 0.3283, 0.3381



46.2426, 0.3103, 0.3395

Rectangle

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



46.2426, 0.2974, 0.3197



46.2426, 0.3045, 0.3154



46.2426, 0.3283, 0.3381



46.2426, 0.3208, 0.3430

Sweetspot

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



46.2445, 0.2974, 0.3197



90.3266, 0.3081, 0.3263



48.7009, 0.3063, 0.3450



19.6630, 0.3069, 0.3255



97.7402, 0.3127, 0.3290



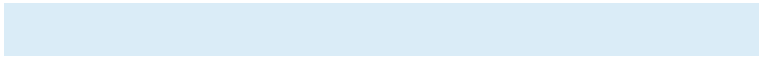
20.4902, 0.3127, 0.3290

Same Dimension

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



46.2445, 0.2974, 0.3197



81.8361, 0.2941, 0.3176



42.4513, 0.2973, 0.3069



10.2038, 0.2985, 0.3204



11.5845, 0.1904, 0.2055



0.5746, 0.1996, 0.2384

Inverse Universe

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



43.4795, 0.3197, 0.3135



75.8904, 0.3214, 0.3101



49.6322, 0.3278, 0.3502



9.6352, 0.3192, 0.3146



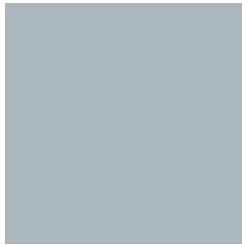
8.1992, 0.4392, 0.2193



0.3334, 0.4039, 0.1999

Previews

White Background



This preview shows how the Yxy color 46.2426, 0.2974, 0.3197 looks on a white background.

Color Contrast Check

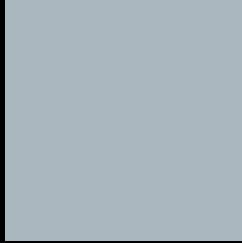
Large Text (above 18pt) WCAG AA × Fail

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 46.2426, 0.2974, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

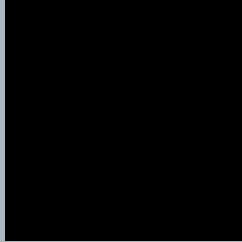
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

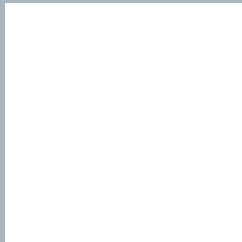
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2426, 0.2974, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 46.2426, 0.2974, 0.3197.



This preview shows how white text looks on a background with the Yxy color 46.2426, 0.2974, 0.3197.

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

46.2426, 0.2974, 0.3197

Protanopia

46.2184, 0.3081, 0.3186

Deuteranopia

46.3258, 0.3154, 0.3090



Tritanopia

46.2121, 0.2938, 0.3107

Trichromacy



Original Color

46.2426, 0.2974, 0.3197

Protanomaly

46.1868, 0.3039, 0.3185

Deuteranomaly

46.4409, 0.3092, 0.3137

Tritanomaly

46.1216, 0.2953, 0.3132

Monochromacy



Original Color

46.2426, 0.2974, 0.3197

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.8556, 0.3070, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2426, 0.2974, 0.3197 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, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 183, 190)  
}
```

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, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.2426, 0.2974, 0.3197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

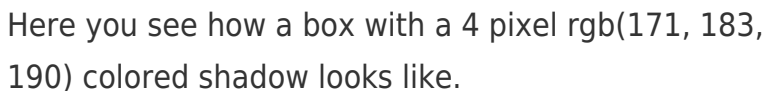
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 183, 190) }
```

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

```
.border{ border-color:rgb(171, 183, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2426, 0.2974, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 183, 190) }
```

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

```
.background{ background-color: rgb(171,  
183, 190) }
```

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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