

Converting Colors

$Y_{xy}(46.4275, 0.3074, 0.3161)$

Have a look what the booklet for
Yxy(46.4275, 0.3074, 0.3161)
contains.

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Color

Yxy(46.4275, 0.3074, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	B7B4BE
RGB	183, 180, 190
RGB Percent	72%, 71%, 75%
CMY	0.2822, 0.2941, 0.2549
CMYK	0.04, 0.05, 0.00, 0.25
HSL	258°, 7%, 73%
HSV	258°, 5%, 75%
XYZ	45.1497, 46.4275, 55.2988
YIQ	182.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

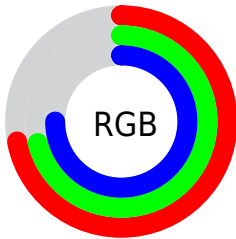
Format	Color
RYB	183, 180, 190
Decimal	12039358
CIELab	73.82, 2.97, -4.70
CIELCh	74, 5.560, 302.230
Yxy	46.4275, 0.3074, 0.3161
Android (android.graphics.Color)	4290229438 (0xFFB7B4BE)
YUV	182.0370, 3.9258, 0.8446
Hunter-Lab	68.1377, -0.9627, -0.4218

Details

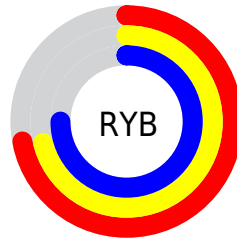
The Yxy color **46.4275, 0.3074, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6845, 0.3179, 0.3418**, and the grayscale version is **46.7824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9954, 0.3086, 0.3190**, and **21.7307, 0.3054, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **37.7291, 0.2961, 0.2896**, and if you desaturate by 10%, it is **56.3341, 0.3171, 0.3400**.

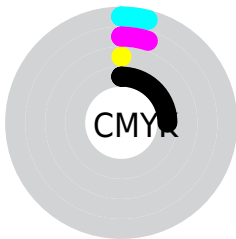
Distribution



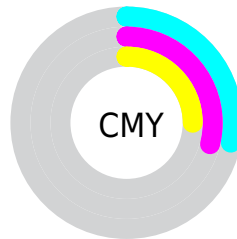
- Red (72%)
- Green (71%)
- Blue (75%)



- Red (72%)
- Yellow (71%)
- Blue (75%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.4275, 0.3074, 0.3161 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 46.4275, 0.3074, 0.3161 by changing the saturation by 10% instead.

■ 46.4275, 0.3074,
0.3161

■ 46.4275, 0.3074,
0.3161

■ 372.5247, 0.3101,
0.3225

■ 32.5833, 0.3067,
0.3145

■ 84.8584, 0.3084,
0.3184

■ 21.8074, 0.3059,
0.3125

■ 110.2139, 0.3087,
0.3193

■ 13.7155, 0.3047,
0.3098

■ 140.1754, 0.3091,
0.3200

■ 7.9230, 0.3031,
0.3060

■ 175.1271, 0.3093,
0.3207

■ 4.0457, 0.3006,
0.3004

■ 215.4535, 0.3095,
0.3212

■ 1.6992, 0.2964,
0.2912

■ 261.5389, 0.3097,

■ 0.4231, 0.2813,

0.3217

0.2508

313.7679, 0.3099,
0.3221

0.0000, 0.0000,
0.0000

46.4275, 0.3074,
0.3161

46.4275, 0.3074,
0.3161

37.7291, 0.2961,
0.2896

56.3341, 0.3171,
0.3400

30.1862, 0.2832,
0.2607

67.4870, 0.3254,
0.3612

23.7511, 0.2686,
0.2298

79.9301, 0.3325,
0.3800

18.3703, 0.2527,
0.1978

93.0658, 0.3386,
0.3957

13.9858, 0.2358,
0.1661

95.4154, 0.3475,
0.3938

■ 10.5340, 0.2187,
0.1363

■ 96.4979, 0.3514,
0.3929

■ 7.9435, 0.2023,
0.1103

■ 6.1322, 0.1876,
0.0900

■ 5.0004, 0.1754,
0.0763

Harmonies

Analogous

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



46.4275, 0.3011, 0.3162



46.4275, 0.3074, 0.3161



46.4275, 0.3152, 0.3193

Triad

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



46.4275, 0.3074, 0.3161



46.4275, 0.3278, 0.3381



46.4275, 0.3030, 0.3329

Complementary

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



46.4275, 0.3074, 0.3161



50.6845, 0.3179, 0.3418

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.



46.4275, 0.3101, 0.3390



46.4275, 0.3074, 0.3161



46.4275, 0.3244, 0.3419

Square

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



46.4275, 0.3074, 0.3161



46.4275, 0.3271, 0.3319



46.4275, 0.3179, 0.3423



46.4275, 0.2986, 0.3259

Rectangle

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



46.4275, 0.3074, 0.3161



46.4275, 0.3203, 0.3230



46.4275, 0.3179, 0.3423



46.4275, 0.3052, 0.3352

Sweetspot

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



46.4295, 0.3074, 0.3161



89.6974, 0.3107, 0.3241



48.9618, 0.3047, 0.3251



19.7359, 0.3108, 0.3244



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.



46.4295, 0.3074, 0.3161



82.7439, 0.3065, 0.3140



47.0499, 0.3116, 0.3163



9.9133, 0.3060, 0.3129



3.0999, 0.1717, 0.0719



0.1568, 0.1996, 0.0873

Inverse Universe

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



47.1745, 0.3157, 0.3202



84.2998, 0.3162, 0.3187



50.0686, 0.3137, 0.3419



10.1147, 0.3165, 0.3180



8.4077, 0.4146, 0.2057



0.3405, 0.3871, 0.1906

Previews

White Background



This preview shows how the Yxy color 46.4275, 0.3074, 0.3161 looks on a white background.

Color Contrast Check

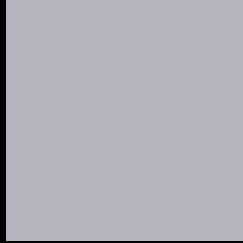
Large Text (above 18pt) WCAG AA × Fail

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 46.4275, 0.3074, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

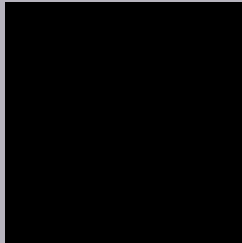
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4275, 0.3074, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 46.4275, 0.3074, 0.3161.

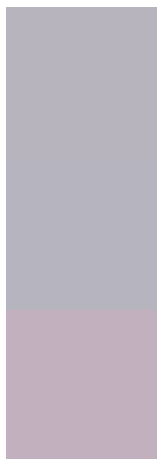


This preview shows how white text looks on a background with the Yxy color 46.4275, 0.3074, 0.3161.

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

46.4275, 0.3074, 0.3161

Protanopia

46.3053, 0.3065, 0.3161

Deuteranopia

46.4144, 0.3171, 0.3103



Tritanopia

46.3256, 0.3051, 0.3098

Trichromacy



Original Color

46.4275, 0.3074, 0.3161

Protanomaly

46.3053, 0.3065, 0.3161

Deuteranomaly

46.2822, 0.3135, 0.3113

Tritanomaly

46.2808, 0.3059, 0.3111

Monochromacy



Original Color

46.4275, 0.3074, 0.3161

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4956, 0.3104, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4275, 0.3074, 0.3161 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(183, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 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(183, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.4275, 0.3074, 0.3161 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(183, 180, 190) }
```

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

```
.border{ border-color:rgb(183, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4275, 0.3074, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 190) }
```

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

```
.background{ background-color: rgb(183,  
180, 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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