

Converting Colors

$Yxy(46.1116, 0.2973, 0.3097)$

Have a look what the booklet for
Yxy(46.1116, 0.2973, 0.3097)
contains.

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Color

Yxy(46.2634, 0.2970, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	B0B5C4
RGB	176, 181, 196
RGB Percent	69%, 71%, 77%
CMY	0.3098, 0.2902, 0.2313
CMYK	0.10, 0.08, 0.00, 0.23
HSL	225°, 14%, 73%
HSV	225°, 10%, 77%
XYZ	44.3949, 46.2634, 58.8195
YIQ	181.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

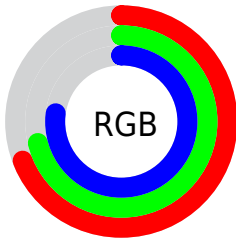
Format	Color
RYB	176, 180, 196
Decimal	11580868
CIELab	73.72, 1.24, -8.20
CIElCh	74, 8.296, 278.568
Yxy	46.2634, 0.2970, 0.3095
Android (android.graphics.Color)	4289770948 (0xFFB0B5C4)
YUV	181.2150, 7.2890, -4.5736
Hunter-Lab	68.0172, -2.5229, -3.6604

Details

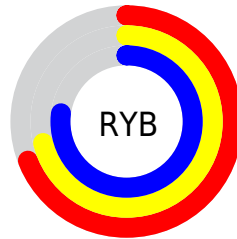
The Yxy color `46.2634, 0.2970, 0.3095` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.1439, 0.3284, 0.3478`, and the grayscale version is `46.2959, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.8160, 0.2998, 0.3128`, and `21.6023, 0.2924, 0.3041` is the 20% darker color. If you saturate the color by 10%, you get `38.4720, 0.2803, 0.2880`, and if you desaturate by 10%, it is `55.0205, 0.3124, 0.3286`.

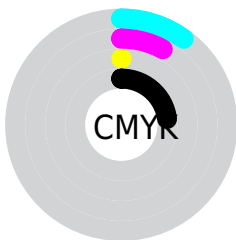
Distribution



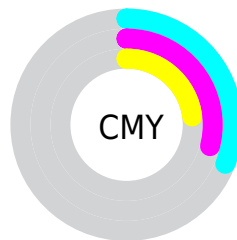
- Red (69%)
- Green (71%)
- Blue (77%)



- Red (69%)
- Yellow (71%)
- Blue (77%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2634, 0.2970, 0.3095 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 46.2634, 0.2970, 0.3095 by changing the saturation by 10% instead.

■ 46.2634, 0.2970,
0.3095

■ 46.2634, 0.2970,
0.3095

371.8666, 0.3049,
0.3192

■ 32.4537, 0.2950,
0.3071

■ 84.6131, 0.2999,
0.3130

■ 21.7083, 0.2925,
0.3040

109.9218, 0.3009,
0.3143

■ 13.6427, 0.2892,
0.2999

139.8324, 0.3018,
0.3155

■ 7.8726, 0.2845,
0.2942

174.7293, 0.3026,
0.3164

■ 4.0135, 0.2775,
0.2857

214.9967, 0.3033,
0.3173

■ 1.6811, 0.2660,
0.2719

261.0191, 0.3039,

■ 0.4114, 0.2270,

0.3180

0.2218

313.1810, 0.3044,
0.3186

0.0000, 0.0000,
0.0000

46.2634, 0.2970,
0.3095

46.2634, 0.2970,
0.3095

38.4720, 0.2803,
0.2880

55.0205, 0.3124,
0.3286

31.6068, 0.2624,
0.2641

64.7695, 0.3265,
0.3455

25.6343, 0.2438,
0.2381

75.5425, 0.3391,
0.3602

20.5164, 0.2250,
0.2104

87.3687, 0.3505,
0.3730

16.2123, 0.2068,
0.1821

96.4888, 0.3479,
0.3866

■ 12.6777, 0.1902,
0.1543

■ 96.7660, 0.3478,
0.3870

■ 9.8636, 0.1760,
0.1284

■ 7.7144, 0.1652,
0.1059

■ 6.1725, 0.1578,
0.0881

Harmonies

Analogous

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



46.2634, 0.2911, 0.3136



46.2634, 0.2970, 0.3095



46.2634, 0.3071, 0.3105

Triad

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



46.2634, 0.2970, 0.3095



46.2634, 0.3350, 0.3353



46.2634, 0.3063, 0.3424

Complementary

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



46.2634, 0.2970, 0.3095



52.1439, 0.3284, 0.3478

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.



46.2634, 0.3180, 0.3484



46.2634, 0.2970, 0.3095



46.2634, 0.3347, 0.3440

Square

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



46.2634, 0.2970, 0.3095



46.2634, 0.3292, 0.3252



46.2634, 0.3285, 0.3489



46.2634, 0.2965, 0.3326

Rectangle

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



46.2634, 0.2970, 0.3095



46.2634, 0.3150, 0.3138



46.2634, 0.3285, 0.3489



46.2634, 0.3102, 0.3449

Sweetspot

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



46.2653, 0.2970, 0.3095



94.9686, 0.3082, 0.3234



52.4780, 0.3007, 0.3354



20.0454, 0.3069, 0.3219



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.2653, 0.2970, 0.3095



80.8619, 0.2938, 0.3054



44.8671, 0.3011, 0.3032



10.1470, 0.2983, 0.3112



4.0826, 0.1584, 0.0903



0.2901, 0.1709, 0.1354

Inverse Universe

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



46.1292, 0.3263, 0.3227



80.6145, 0.3293, 0.3215



53.6971, 0.3236, 0.3541



10.1182, 0.3251, 0.3233



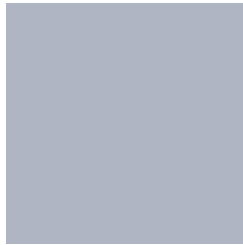
7.6944, 0.5907, 0.3028



0.3439, 0.5253, 0.2668

Previews

White Background



This preview shows how the Yxy color 46.2634, 0.2970, 0.3095 looks on a white background.

Color Contrast Check

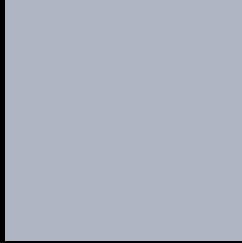
Large Text (above 18pt) WCAG AA × Fail

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 46.2634, 0.2970, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

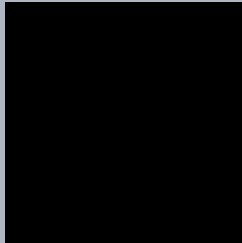
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

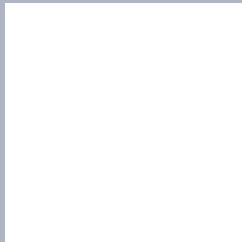
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2634, 0.2970, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 46.2634, 0.2970, 0.3095.

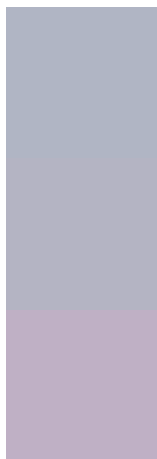


This preview shows how white text looks on a background with the Yxy color 46.2634, 0.2970, 0.3095.

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

46.2634, 0.2970, 0.3095

Protanopia

46.2859, 0.3010, 0.3097

Deuteranopia

46.1583, 0.3088, 0.3027



Tritanopia

46.2180, 0.2977, 0.3108

Trichromacy



Original Color

46.2634, 0.2970, 0.3095

Protanomaly

46.1664, 0.3002, 0.3096

Deuteranomaly

46.3111, 0.3045, 0.3049

Tritanomaly

46.2180, 0.2977, 0.3108

Monochromacy



Original Color

46.2634, 0.2970, 0.3095

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1766, 0.3071, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2634, 0.2970, 0.3095 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(176, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 181, 196)  
}
```

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(176, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 181, 196) }
```

Border

The CSS property to change the border of an element to Yxy 46.2634, 0.2970, 0.3095 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(176, 181, 196) }
```

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

```
.border{ border-color:rgb(176, 181, 196) }
```

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

Here you see how a box with a 4 pixel rgb(176, 181, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(176, 181,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2634, 0.2970, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 181, 196) }
```

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

```
.background{ background-color: rgb(176,  
181, 196) }
```

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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