

Converting Colors

$Yxy(46.9761, 0.3001, 0.3124)$

Have a look what the booklet for
Yxy(46.9761, 0.3001, 0.3124)
contains.

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Color

Yxy(46.9797, 0.3002, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	B3B6C3
RGB	179, 182, 195
RGB Percent	70%, 71%, 76%
CMY	0.2979, 0.2863, 0.2352
CMYK	0.08, 0.07, 0.00, 0.24
HSL	229°, 12%, 73%
HSV	229°, 8%, 76%
XYZ	45.1739, 46.9797, 58.3259
YIQ	182.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

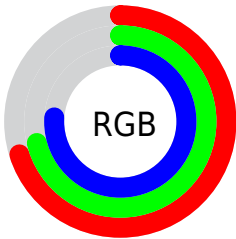
Format	Color
R_{YB}	179, 182, 195
Decimal	11777731
CIE _{Lab}	74.18, 1.51, -6.95
CIE _{LCh}	74, 7.113, 282.226
Yxy	46.9797, 0.3002, 0.3122
Android (android.graphics.Color)	4289967811 (0xFFB3B6C3)
YUV	182.5850, 6.1206, -3.1440
Hunter-Lab	68.5417, -2.3037, -2.4738

Details

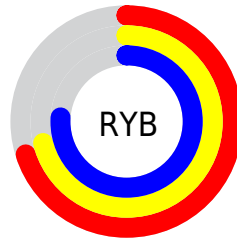
The Yxy color $46.9797, 0.3002, 0.3122$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.5790, 0.3251, 0.3453$, and the grayscale version is $47.0863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8395, 0.3023, 0.3149$, and $22.0592, 0.2967, 0.3078$ is the 20% darker color. If you saturate the color by 10%, you get $38.6807, 0.2836, 0.2893$, and if you desaturate by 10%, it is $56.3488, 0.3153, 0.3325$.

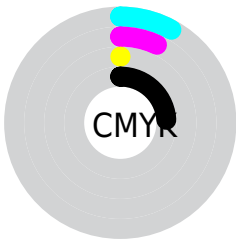
Distribution



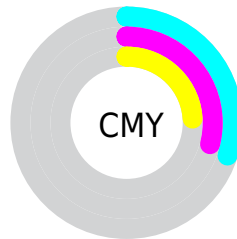
- Red (70%)
- Green (71%)
- Blue (76%)



- Red (70%)
- Yellow (71%)
- Blue (76%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9797, 0.3002, 0.3122 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 46.9797, 0.3002, 0.3122 by changing the saturation by 10% instead.

■ 46.9797, 0.3002,
0.3122

■ 46.9797, 0.3002,
0.3122

374.7335, 0.3065,
0.3206

■ 33.0196, 0.2986,
0.3101

■ 85.6833, 0.3025,
0.3152

■ 22.1415, 0.2966,
0.3075

111.1956, 0.3033,
0.3164

■ 13.9609, 0.2940,
0.3040

141.3275, 0.3040,
0.3173

■ 8.0935, 0.2903,
0.2991

176.4633, 0.3047,
0.3182

■ 4.1548, 0.2847,
0.2919

216.9874, 0.3052,
0.3189

■ 1.7605, 0.2756,
0.2801

263.2842, 0.3057,

■ 0.4624, 0.2470,

0.3195

0.2398

315.7381, 0.3061,
0.3201

0.0000, 0.0000,
0.0000

46.9797, 0.3002,
0.3122

46.9797, 0.3002,
0.3122

38.6807, 0.2836,
0.2893

56.3488, 0.3153,
0.3325

31.4075, 0.2655,
0.2638

66.8182, 0.3289,
0.3502

25.1216, 0.2465,
0.2359

78.4245, 0.3410,
0.3656

19.7797, 0.2270,
0.2064

90.8135, 0.3504,
0.3792

15.3353, 0.2079,
0.1761

96.7209, 0.3484,
0.3880

■ 11.7379, 0.1902,
0.1466

■ 8.9314, 0.1750,
0.1196

■ 6.8529, 0.1635,
0.0968

■ 5.4207, 0.1559,
0.0795

Harmonies

Analogous

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



46.9797, 0.2946, 0.3153



46.9797, 0.3002, 0.3122



46.9797, 0.3092, 0.3136

Triad

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



46.9797, 0.3002, 0.3122



46.9797, 0.3320, 0.3354



46.9797, 0.3061, 0.3395

Complementary

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



46.9797, 0.3002, 0.3122



52.5790, 0.3251, 0.3453

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.



46.9797, 0.3161, 0.3451



46.9797, 0.3002, 0.3122



46.9797, 0.3311, 0.3426

Square

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



46.9797, 0.3002, 0.3122



46.9797, 0.3276, 0.3268



46.9797, 0.3252, 0.3462



46.9797, 0.2980, 0.3310

Rectangle

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



46.9797, 0.3002, 0.3122



46.9797, 0.3159, 0.3167



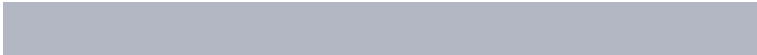
46.9797, 0.3252, 0.3462



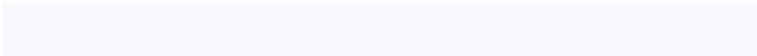
46.9797, 0.3093, 0.3418

Sweetspot

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



46.9817, 0.3002, 0.3122



94.2475, 0.3097, 0.3250



52.4219, 0.3025, 0.3330



20.6764, 0.3099, 0.3252



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.



46.9817, 0.3002, 0.3122



81.0757, 0.2971, 0.3079



46.3592, 0.3042, 0.3086



10.0441, 0.2983, 0.3097



3.4819, 0.1552, 0.0788



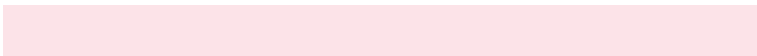
0.2444, 0.1662, 0.1182

Inverse Universe

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



47.2315, 0.3242, 0.3253



81.6502, 0.3273, 0.3244



53.2686, 0.3208, 0.3491



10.1078, 0.3260, 0.3247



7.6337, 0.6090, 0.3128



0.3393, 0.5491, 0.2799

Previews

White Background



This preview shows how the Yxy color 46.9797, 0.3002, 0.3122 looks on a white background.

Color Contrast Check

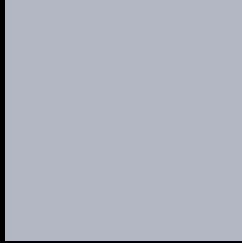
Large Text (above 18pt) WCAG AA × Fail

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 46.9797, 0.3002, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

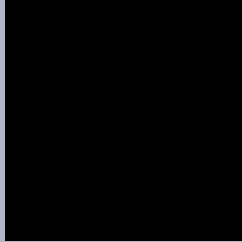
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

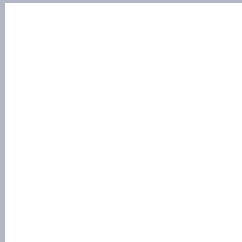
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9797, 0.3002, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 46.9797, 0.3002, 0.3122.

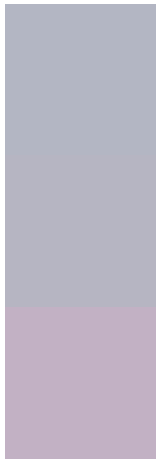


This preview shows how white text looks on a background with the Yxy color 46.9797, 0.3002, 0.3122.

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

46.9797, 0.3002, 0.3122

Protanopia

46.8879, 0.3034, 0.3123

Deuteranopia

46.8991, 0.3121, 0.3054



Tritanopia

47.0251, 0.2994, 0.3110

Trichromacy



Original Color

46.9797, 0.3002, 0.3122

Protanomaly

46.7665, 0.3026, 0.3123

Deuteranomaly

47.0445, 0.3078, 0.3076

Tritanomaly

47.0251, 0.2994, 0.3110

Monochromacy



Original Color

46.9797, 0.3002, 0.3122

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3999, 0.3088, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9797, 0.3002, 0.3122 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(179, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 195)  
}
```

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(179, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.9797, 0.3002, 0.3122 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(179, 182, 195) }
```

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

```
.border{ border-color:rgb(179, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9797, 0.3002, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 195) }
```

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

```
.background{ background-color: rgb(179,  
182, 195) }
```

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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