

Converting Colors

$Yxy(46.7118, 0.2899, 0.3099)$

Have a look what the booklet for
Yxy(46.7118, 0.2899, 0.3099)
contains.

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Color

Yxy(46.7932, 0.2901, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	A9B8C6
RGB	169, 184, 198
RGB Percent	66%, 72%, 78%
CMY	0.3370, 0.2785, 0.2235
CMYK	0.15, 0.07, 0.00, 0.22
HSL	209°, 20%, 72%
HSV	209°, 15%, 78%
XYZ	43.7048, 46.7932, 60.1562
YIQ	181.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

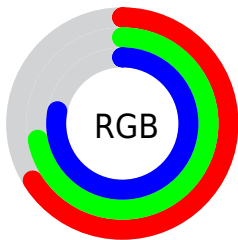
Format	Color
RYB	169, 179, 198
Decimal	11122886
CIELab	74.06, -2.26, -8.84
CIElCh	74, 9.123, 255.686
Yxy	46.7932, 0.2901, 0.3106
Android (android.graphics.Color)	4289312966 (0xFFA9B8C6)
YUV	181.1110, 8.3263, -10.6213
Hunter-Lab	68.4056, -5.6648, -4.2561

Details

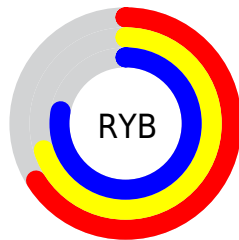
The Yxy color **46.7932, 0.2901, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7698, 0.3370, 0.3467**, and the grayscale version is **46.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3875, 0.2937, 0.3137**, and **22.0281, 0.2842, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **40.9189, 0.2741, 0.2963**, and if you desaturate by 10%, it is **53.2730, 0.3057, 0.3235**.

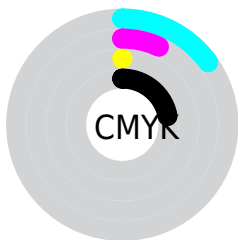
Distribution



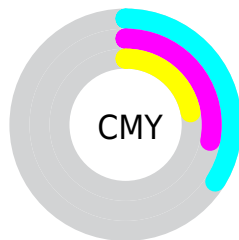
- Red (66%)
- Green (72%)
- Blue (78%)



- Red (66%)
- Yellow (70%)
- Blue (78%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7932, 0.2901, 0.3106 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 46.7932, 0.2901, 0.3106 by changing the saturation by 10% instead.

■ 46.7932, 0.2901,
0.3106

■ 46.7932, 0.2901,
0.3106

■ 373.9885, 0.3013,
0.3198

■ 32.8722, 0.2873,
0.3083

■ 85.4049, 0.2942,
0.3140

■ 22.0286, 0.2838,
0.3053

■ 110.8643, 0.2957,
0.3152

■ 13.8779, 0.2790,
0.3014

■ 140.9387, 0.2970,
0.3163

■ 8.0358, 0.2725,
0.2959

■ 176.0124, 0.2981,
0.3172

■ 4.1179, 0.2628,
0.2877

■ 216.4698, 0.2991,
0.3180

■ 1.7397, 0.2472,
0.2741

■ 262.6954, 0.2999,

■ 0.4492, 0.1922,

0.3187

0.2321

315.0735, 0.3007,
0.3193

0.0000, 0.0000,
0.0000

46.7932, 0.2901,
0.3106

46.7932, 0.2901,
0.3106

40.9189, 0.2741,
0.2963

53.2730, 0.3057,
0.3235

35.6241, 0.2579,
0.2806

60.3715, 0.3207,
0.3350

30.8893, 0.2420,
0.2637

68.1088, 0.3349,
0.3453

26.6915, 0.2267,
0.2458

76.5023, 0.3483,
0.3543

23.0055, 0.2126,
0.2272

83.0069, 0.3513,
0.3633

■ 19.8039, 0.2002,
0.2083

■ 88.5498, 0.3493,
0.3725

■ 17.0554, 0.1900,
0.1896

■ 94.3916, 0.3474,
0.3814

■ 14.7233, 0.1820,
0.1716

■ 96.8574, 0.3466,
0.3850

■ 13.6071, 0.1784,
0.1623

Harmonies

Analogous

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



46.7932, 0.2884, 0.3188



46.7932, 0.2901, 0.3106



46.7932, 0.2978, 0.3074

Triad

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



46.7932, 0.2901, 0.3106



46.7932, 0.3328, 0.3274



46.7932, 0.3155, 0.3492

Complementary

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



46.7932, 0.2901, 0.3106



48.7698, 0.3370, 0.3467

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.



46.7932, 0.3276, 0.3513



46.7932, 0.2901, 0.3106



46.7932, 0.3377, 0.3384

Square

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



46.7932, 0.2901, 0.3106



46.7932, 0.3224, 0.3171



46.7932, 0.3358, 0.3472



46.7932, 0.3028, 0.3414

Rectangle

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



46.7932, 0.2901, 0.3106



46.7932, 0.3054, 0.3084



46.7932, 0.3358, 0.3472



46.7932, 0.3197, 0.3506

Sweetspot

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



46.7951, 0.2901, 0.3106



95.0060, 0.3066, 0.3242



52.2522, 0.3010, 0.3486



20.1385, 0.3054, 0.3233



0.0000, 0.0000, 0.0000



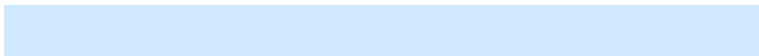
21.4041, 0.3127, 0.3290

Same Dimension

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



46.7951, 0.2901, 0.3106



78.9414, 0.2843, 0.3055



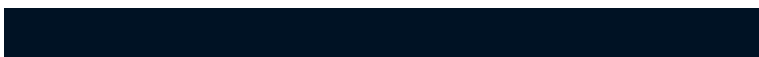
41.0959, 0.2894, 0.2911



11.1772, 0.2983, 0.3175



9.0208, 0.1791, 0.1646



0.5717, 0.1893, 0.2016

Inverse Universe

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



43.8638, 0.3263, 0.3103



72.7805, 0.3304, 0.3054



55.0428, 0.3345, 0.3643



10.7268, 0.3210, 0.3171



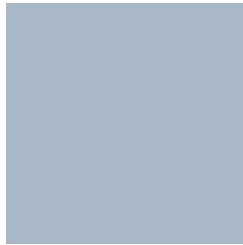
8.4506, 0.4873, 0.2458



0.4147, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 46.7932, 0.2901, 0.3106 looks on a white background.

Color Contrast Check

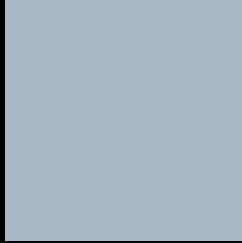
Large Text (above 18pt) WCAG AA × Fail

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 46.7932, 0.2901, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

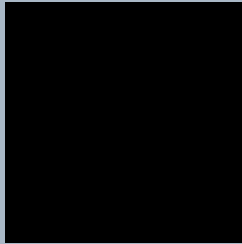
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

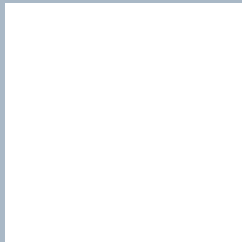
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.7932, 0.2901, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 46.7932, 0.2901, 0.3106.



This preview shows how white text looks on a background with the Yxy color 46.7932, 0.2901, 0.3106.

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

46.7932, 0.2901, 0.3106

Protanopia

46.8570, 0.3011, 0.3098

Deuteranopia

46.6442, 0.3072, 0.3015



Tritanopia

46.8395, 0.2893, 0.3093

Trichromacy



Original Color

46.7932, 0.2901, 0.3106

Protanomaly

46.8342, 0.2971, 0.3096

Deuteranomaly

46.8333, 0.3004, 0.3048

Tritanomaly

46.8395, 0.2893, 0.3093

Monochromacy



Original Color

46.7932, 0.2901, 0.3106

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3909, 0.3046, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7932, 0.2901, 0.3106 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(169, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 184, 198)  
}
```

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(169, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 184, 198) }
```

Border

The CSS property to change the border of an element to Yxy 46.7932, 0.2901, 0.3106 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(169, 184, 198) }
```

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

```
.border{ border-color:rgb(169, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 184,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7932, 0.2901, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 184, 198) }
```

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

```
.background{ background-color: rgb(169,  
184, 198) }
```

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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