

Converting Colors

$Yxy(46.3326, 0.2664, 0.2967)$

Have a look what the booklet for
Yxy(46.3326, 0.2664, 0.2967)
contains.

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Color

Yxy(46.5397, 0.2664, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	94BBD3
RGB	148, 187, 211
RGB Percent	58%, 73%, 83%
CMY	0.4195, 0.2667, 0.1725
CMYK	0.30, 0.11, 0.00, 0.17
HSL	203°, 42%, 70%
HSV	203°, 30%, 83%
XYZ	41.7447, 46.5397, 68.4149
YIQ	178.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

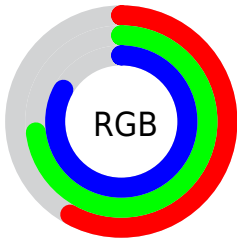
Format	Color
RYB	148, 172, 211
Decimal	9747411
CIELab	73.89, -7.41, -16.31
CIElCh	74, 17.916, 245.565
Yxy	46.5397, 0.2664, 0.2970
Android (android.graphics.Color)	4287937491 (0xFF94BBD3)
YUV	178.0750, 16.2320, -26.3758
Hunter-Lab	68.2200, -10.1586, -11.7054

Details

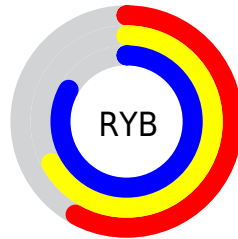
The Yxy color **46.5397, 0.2664, 0.2970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5076, 0.3704, 0.3588**, and the grayscale version is **44.4908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0177, 0.2813, 0.3163**, and **21.8834, 0.2539, 0.2887** is the 20% darker color. If you saturate the color by 10%, you get **41.4315, 0.2512, 0.2843**, and if you desaturate by 10%, it is **52.2015, 0.2820, 0.3088**.

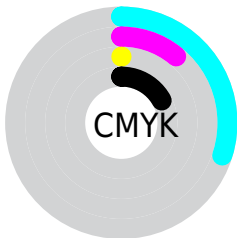
Distribution



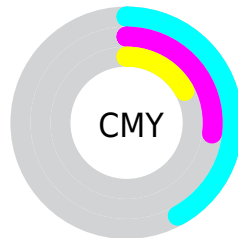
- Red (58%)
- Green (73%)
- Blue (83%)



- Red (58%)
- Yellow (67%)
- Blue (83%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5397, 0.2664, 0.2970 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 46.5397, 0.2664, 0.2970 by changing the saturation by 10% instead.

■ 46.5397, 0.2664,
0.2970

■ 46.5397, 0.2664,
0.2970

■ 372.9742, 0.2892,
0.3132

■ 32.6719, 0.2608,
0.2929

■ 85.0261, 0.2746,
0.3029

■ 21.8752, 0.2538,
0.2877

■ 110.4136, 0.2777,
0.3051

■ 13.7653, 0.2445,
0.2808

■ 140.4097, 0.2803,
0.3070

■ 7.9576, 0.2319,
0.2711

■ 175.3989, 0.2826,
0.3086

■ 4.0678, 0.2138,
0.2568

■ 215.7655, 0.2846,
0.3099

■ 1.7116, 0.1859,
0.2337

■ 261.8940, 0.2863,

■ 0.4311, 0.0944,

0.3111

0.1778

314.1688, 0.2878,
0.3122

0.0000, 0.0000,
0.0000

46.5397, 0.2664,
0.2970

46.5397, 0.2664,
0.2970

41.4315, 0.2512,
0.2843

52.2015, 0.2820,
0.3088

36.8487, 0.2368,
0.2707

58.4324, 0.2976,
0.3195

32.7686, 0.2235,
0.2565

65.2540, 0.3129,
0.3291

29.1643, 0.2117,
0.2418

72.6850, 0.3279,
0.3378

26.0052, 0.2019,
0.2270

80.7432, 0.3422,
0.3454

■ 23.2558, 0.1942,
0.2123

■ 85.5302, 0.3419,
0.3533

■ 20.8549, 0.1884,
0.1980

■ 90.2479, 0.3406,
0.3611

■ 20.8201, 0.1883,
0.1978

■ 95.1767, 0.3393,
0.3687

■ 97.4835, 0.3388,
0.3721

Harmonies

Analogous

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



46.5397, 0.2672, 0.3154



46.5397, 0.2664, 0.2970



46.5397, 0.2774, 0.2879

Triad

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



46.5397, 0.2664, 0.2970



46.5397, 0.3464, 0.3184



46.5397, 0.3261, 0.3724

Complementary

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



46.5397, 0.2664, 0.2970



45.5076, 0.3704, 0.3588

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.



46.5397, 0.3483, 0.3714



46.5397, 0.2664, 0.2970



46.5397, 0.3605, 0.3395

Square

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



46.5397, 0.2664, 0.2970



46.5397, 0.3232, 0.3005



46.5397, 0.3611, 0.3589



46.5397, 0.3010, 0.3603

Rectangle

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



46.5397, 0.2664, 0.2970



46.5397, 0.2902, 0.2878



46.5397, 0.3611, 0.3589



46.5397, 0.3342, 0.3735

Sweetspot

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



46.5416, 0.2664, 0.2970



90.4485, 0.2987, 0.3202



55.8354, 0.2940, 0.3829



19.0444, 0.2965, 0.3187



0.0000, 0.0000, 0.0000



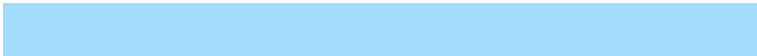
21.4041, 0.3127, 0.3290

Same Dimension

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



46.5416, 0.2664, 0.2970



66.2162, 0.2564, 0.2888



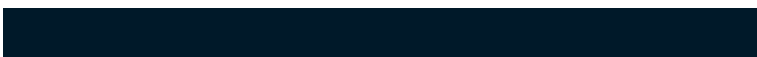
34.9213, 0.2617, 0.2543



12.6184, 0.2983, 0.3199



12.7673, 0.1889, 0.2000



0.8645, 0.1962, 0.2263

Inverse Universe

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



38.6258, 0.3387, 0.2818



52.6930, 0.3463, 0.2712



58.5167, 0.3601, 0.3941



11.9295, 0.3195, 0.3147



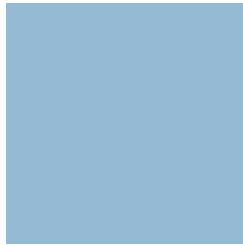
9.3601, 0.4453, 0.2227



0.5386, 0.4166, 0.2068

Previews

White Background



This preview shows how the Yxy color 46.5397, 0.2664, 0.2970 looks on a white background.

Color Contrast Check

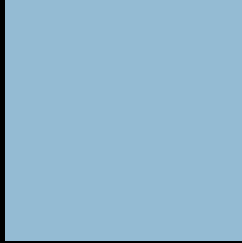
Large Text (above 18pt) WCAG AA × Fail

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 46.5397, 0.2664, 0.2970 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

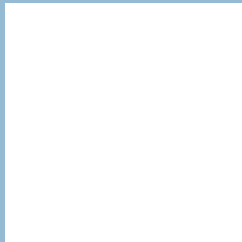
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5397, 0.2664, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 46.5397, 0.2664, 0.2970.



This preview shows how white text looks on a background with the Yxy color 46.5397, 0.2664, 0.2970.

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

46.5397, 0.2664, 0.2970

Protanopia

46.4459, 0.2904, 0.2958

Deuteranopia

46.3157, 0.2900, 0.2842



Tritanopia

46.3892, 0.2702, 0.3086

Trichromacy



Original Color

46.5397, 0.2664, 0.2970

Protanomaly

46.5280, 0.2807, 0.2965

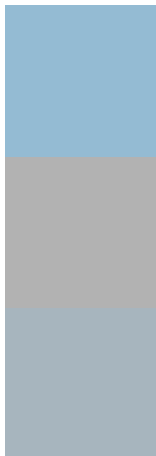
Deuteranomaly

46.3473, 0.2808, 0.2893

Tritanomaly

46.6257, 0.2690, 0.3047

Monochromacy



Original Color

46.5397, 0.2664, 0.2970

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9809, 0.2942, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5397, 0.2664, 0.2970 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(148, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(148, 187, 211)  
}
```

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(148, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 187, 211) }
```

Border

The CSS property to change the border of an element to Yxy 46.5397, 0.2664, 0.2970 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(148, 187, 211) }
```

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

```
.border{ border-color:rgb(148, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(148, 187,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5397, 0.2664, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 187, 211) }
```

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

```
.background{ background-color: rgb(148,  
187, 211) }
```

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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