

Converting Colors

$Y_{xy}(41.8965, 0.2687, 0.2882)$

Have a look what the booklet for
Yxy(41.8965, 0.2687, 0.2882)
contains.

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Color

Yxy(41.8965, 0.2687, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	95B0CE
RGB	149, 176, 206
RGB Percent	58%, 69%, 81%
CMY	0.4156, 0.3098, 0.1922
CMYK	0.28, 0.15, 0.00, 0.19
HSL	212°, 37%, 70%
HSV	212°, 28%, 81%
XYZ	39.0617, 41.8965, 64.4148
YIQ	171.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

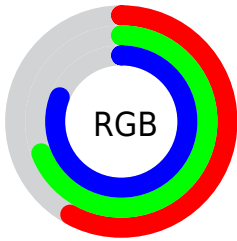
Format	Color
R _Y B	149, 167, 206
Decimal	9810126
CIE Lab	70.80, -2.39, -18.24
CIE LCh	71, 18.397, 262.522
Yxy	41.8965, 0.2687, 0.2882
Android (android.graphics.Color)	4288000206 (0xFF95B0CE)
YUV	171.3470, 17.0839, -19.5983
Hunter-Lab	64.7275, -5.5520, -13.6943

Details

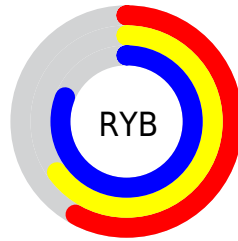
The Yxy color **41.8965, 0.2687, 0.2882** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.5357, 0.3624, 0.3666**, and the grayscale version is **40.8326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7706, 0.2811, 0.3045**, and **19.2237, 0.2562, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **36.0446, 0.2522, 0.2706**, and if you desaturate by 10%, it is **48.4341, 0.2851, 0.3043**.

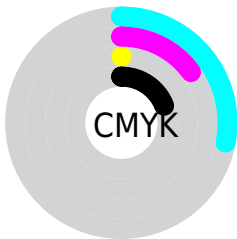
Distribution



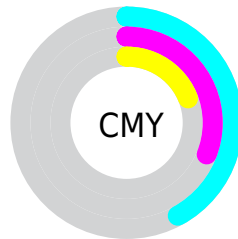
- Red (58%)
- Green (69%)
- Blue (81%)



- Red (58%)
- Yellow (65%)
- Blue (81%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (42%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8965, 0.2687, 0.2882 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 41.8965, 0.2687, 0.2882 by changing the saturation by 10% instead.

■ 41.8965, 0.2687,
0.2882

■ 41.8965, 0.2687,
0.2882

354.0537, 0.2908,
0.3089

■ 29.0203, 0.2632,
0.2830

■ 78.0430, 0.2767,
0.2957

■ 19.0961, 0.2561,
0.2763

■ 102.0820, 0.2798,
0.2986

■ 11.7398, 0.2467,
0.2673

130.6107, 0.2823,
0.3010

■ 6.5667, 0.2337,
0.2549

164.0135, 0.2845,
0.3030

■ 3.1927, 0.2146,
0.2363

202.6748, 0.2864,
0.3048

■ 1.2331, 0.1842,
0.2063

246.9790, 0.2880,

■ 0.0885, 0.0166,

0.3063

0.0573

297.3105, 0.2895,
0.3077

0.0000, 0.0000,
0.0000

41.8965, 0.2687,
0.2882

41.8965, 0.2687,
0.2882

36.0446, 0.2522,
0.2706

48.4341, 0.2851,
0.3043

30.8475, 0.2359,
0.2517

55.6768, 0.3010,
0.3189

26.2790, 0.2203,
0.2317

63.6493, 0.3162,
0.3319

22.3086, 0.2061,
0.2112

72.3734, 0.3306,
0.3435

18.9028, 0.1937,
0.1907

81.8699, 0.3440,
0.3536

■ 16.0234, 0.1836,
0.1708

■ 88.6638, 0.3442,
0.3640

■ 13.6195, 0.1760,
0.1521

■ 95.2781, 0.3423,
0.3742

■ 13.1081, 0.1744,
0.1478

■ 97.2358, 0.3418,
0.3770

Harmonies

Analogous

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



41.8965, 0.2624, 0.3024



41.8965, 0.2687, 0.2882



41.8965, 0.2865, 0.2850

Triad

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



41.8965, 0.2687, 0.2882



41.8965, 0.3586, 0.3302



41.8965, 0.3117, 0.3696

Complementary

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



41.8965, 0.2687, 0.2882



47.5357, 0.3624, 0.3666

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.



41.8965, 0.3380, 0.3765



41.8965, 0.2687, 0.2882



41.8965, 0.3658, 0.3523

Square

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



41.8965, 0.2687, 0.2882



41.8965, 0.3386, 0.3088



41.8965, 0.3580, 0.3695



41.8965, 0.2865, 0.3502

Rectangle

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



41.8965, 0.2687, 0.2882



41.8965, 0.3029, 0.2889



41.8965, 0.3580, 0.3695



41.8965, 0.3207, 0.3735

Sweetspot

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



41.8982, 0.2687, 0.2882



89.6728, 0.3003, 0.3183



53.7628, 0.2898, 0.3662



18.7966, 0.2979, 0.3162



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.



41.8982, 0.2687, 0.2882



62.3018, 0.2592, 0.2782



32.4379, 0.2656, 0.2500



11.7056, 0.2983, 0.3165



8.2636, 0.1751, 0.1504



0.5779, 0.1854, 0.1872

Inverse Universe

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



37.7563, 0.3445, 0.2953



55.0174, 0.3534, 0.2880



59.2945, 0.3534, 0.3977



11.3007, 0.3217, 0.3181



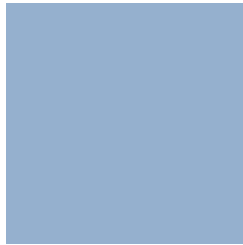
8.6372, 0.5053, 0.2557



0.4609, 0.4600, 0.2308

Previews

White Background



This preview shows how the Yxy color 41.8965, 0.2687, 0.2882 looks on a white background.

Color Contrast Check

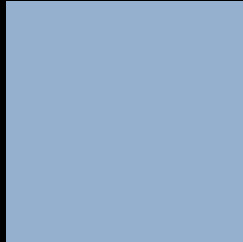
Large Text (above 18pt) WCAG AA × Fail

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 41.8965, 0.2687, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

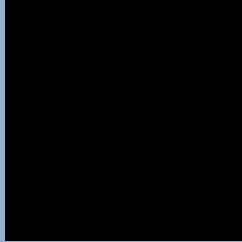
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

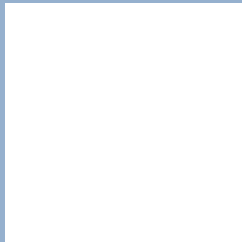
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8965, 0.2687, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 41.8965, 0.2687, 0.2882.



This preview shows how white text looks on a background with the Yxy color 41.8965, 0.2687, 0.2882.

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

41.8965, 0.2687, 0.2882

Protanopia

41.6531, 0.2841, 0.2867

Deuteranopia

41.7652, 0.2859, 0.2798



Tritanopia

41.8020, 0.2755, 0.3079

Trichromacy



Original Color

41.8965, 0.2687, 0.2882

Protanomaly

41.7204, 0.2780, 0.2875

Deuteranomaly

41.9026, 0.2789, 0.2828

Tritanomaly

41.7245, 0.2727, 0.2998

Monochromacy



Original Color

41.8965, 0.2687, 0.2882

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.1344, 0.2952, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8965, 0.2687, 0.2882 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(149, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 206)  
}
```

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(149, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 206) }
```

Border

The CSS property to change the border of an element to Yxy 41.8965, 0.2687, 0.2882 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(149, 176, 206) }
```

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

```
.border{ border-color:rgb(149, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8965, 0.2687, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 206) }
```

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

```
.background{ background-color: rgb(149,  
176, 206) }
```

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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