

Converting Colors

$Yxy(40.9684, 0.2644, 0.2810)$

Have a look what the booklet for
Yxy(40.9684, 0.2644, 0.2810)
contains.

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Color

Yxy(40.9865, 0.2643, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	92AED1
RGB	146, 174, 209
RGB Percent	57%, 68%, 82%
CMY	0.4271, 0.3177, 0.1804
CMYK	0.30, 0.17, 0.00, 0.18
HSL	213°, 41%, 70%
HSV	213°, 30%, 82%
XYZ	38.5095, 40.9865, 66.2078
YIQ	169.6180, -27.9230, 4.9490

Conversions

Conversions Part 2

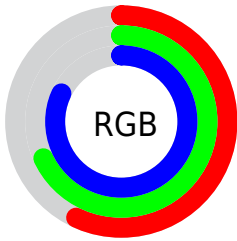
Format	Color
R _Y B	146, 165, 209
Decimal	9613009
CIE Lab	70.17, -1.43, -20.88
CIE LCh	70, 20.925, 266.093
Yxy	40.9865, 0.2643, 0.2813
Android (android.graphics.Color)	4287803089 (0xFF92AED1)
YUV	169.6180, 19.4153, -20.7130
Hunter-Lab	64.0207, -4.6655, -16.5010

Details

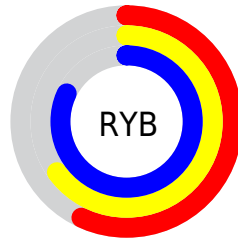
The Yxy color **40.9865, 0.2643, 0.2813** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.7242, 0.3671, 0.3723**, and the grayscale version is **39.9181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6761, 0.2791, 0.3011**, and **18.6318, 0.2512, 0.2689** is the 20% darker color. If you saturate the color by 10%, you get **34.9419, 0.2475, 0.2622**, and if you desaturate by 10%, it is **47.7738, 0.2810, 0.2988**.

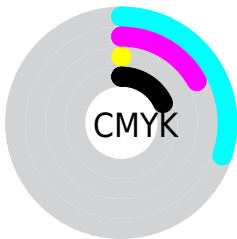
Distribution



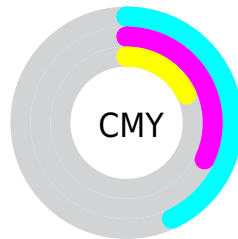
- Red (57%)
- Green (68%)
- Blue (82%)



- Red (57%)
- Yellow (65%)
- Blue (82%)



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)





- Cyan (43%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9865, 0.2643, 0.2813 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 40.9865, 0.2643, 0.2813 by changing the saturation by 10% instead.


 40.9865, 0.2643,
0.2813


 40.9865, 0.2643,
0.2813


350.2642, 0.2887,
0.3054

 28.3085, 0.2582,
0.2752


 76.6634, 0.2732,
0.2901

 18.5584, 0.2504,
0.2675


 100.4311, 0.2765,
0.2934

 11.3516, 0.2401,
0.2571


128.6642, 0.2793,
0.2962

 6.3038, 0.2258,
0.2427

161.7471, 0.2817,
0.2986

 3.0307, 0.2048,
0.2215

200.0641, 0.2838,
0.3006

 1.1478, 0.1719,
0.1879

243.9997, 0.2856,

 0.0184, 0.0000,

0.3024

0.0116

293.9383, 0.2872,
0.3040

0.0000, 0.0000,
0.0000

40.9865, 0.2643,
0.2813

40.9865, 0.2643,
0.2813

34.9419, 0.2475,
0.2622

47.7738, 0.2810,
0.2988

29.6064, 0.2309,
0.2418

55.3261, 0.2971,
0.3147

24.9502, 0.2152,
0.2205

63.6706, 0.3126,
0.3289

20.9396, 0.2010,
0.1987

72.8316, 0.3271,
0.3414

17.5367, 0.1887,
0.1773

82.8323, 0.3406,
0.3525

■ 14.6983, 0.1790,
0.1568

■ 90.4332, 0.3418,
0.3635

■ 12.3767, 0.1717,
0.1380

■ 97.3839, 0.3400,
0.3740

Harmonies

Analogous

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



40.9865, 0.2555, 0.2958



40.9865, 0.2643, 0.2813



40.9865, 0.2858, 0.2794

Triad

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



40.9865, 0.2643, 0.2813



40.9865, 0.3673, 0.3332



40.9865, 0.3078, 0.3738

Complementary

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



40.9865, 0.2643, 0.2813



48.7242, 0.3671, 0.3723

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.



40.9865, 0.3381, 0.3835



40.9865, 0.2643, 0.2813



40.9865, 0.3734, 0.3581

Square

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



40.9865, 0.2643, 0.2813



40.9865, 0.3456, 0.3086



40.9865, 0.3624, 0.3770



40.9865, 0.2797, 0.3500

Rectangle

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



40.9865, 0.2643, 0.2813



40.9865, 0.3050, 0.2848



40.9865, 0.3624, 0.3770



40.9865, 0.3180, 0.3789

Sweetspot

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



40.9881, 0.2643, 0.2813



88.0235, 0.2987, 0.3162



55.0468, 0.2867, 0.3671



18.4472, 0.2964, 0.3140



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.



40.9881, 0.2643, 0.2813



58.1693, 0.2537, 0.2694



31.5969, 0.2624, 0.2422



12.2682, 0.2982, 0.3157



7.8204, 0.1724, 0.1406



0.5943, 0.1823, 0.1763

Inverse Universe

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



37.1942, 0.3502, 0.2945



51.8806, 0.3610, 0.2870



60.7849, 0.3553, 0.4043



11.8941, 0.3222, 0.3187



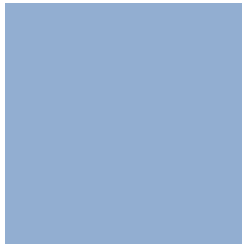
8.8607, 0.5182, 0.2628



0.5113, 0.4730, 0.2379

Previews

White Background



This preview shows how the Yxy color 40.9865, 0.2643, 0.2813 looks on a white background.

Color Contrast Check

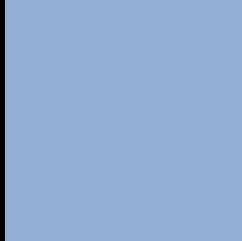
Large Text (above 18pt) WCAG AA × Fail

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 40.9865, 0.2643, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

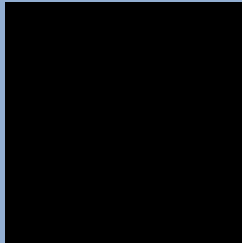
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

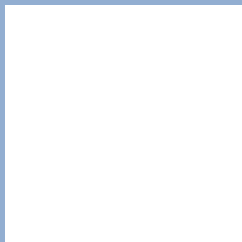
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9865, 0.2643, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 40.9865, 0.2643, 0.2813.



This preview shows how white text looks on a background with the Yxy color 40.9865, 0.2643, 0.2813.

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

40.9865, 0.2643, 0.2813

Protanopia

40.9922, 0.2786, 0.2812

Deuteranopia

40.9832, 0.2796, 0.2742



Tritanopia

40.9567, 0.2738, 0.3091

Trichromacy



Original Color

40.9865, 0.2643, 0.2813

Protanomaly

40.7989, 0.2734, 0.2807

Deuteranomaly

40.8762, 0.2735, 0.2760

Tritanomaly

40.9675, 0.2696, 0.2982

Monochromacy



Original Color

40.9865, 0.2643, 0.2813

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1636, 0.2935, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9865, 0.2643, 0.2813 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(146, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(146, 174, 209)  
}
```

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(146, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 209) }
```

Border

The CSS property to change the border of an element to Yxy 40.9865, 0.2643, 0.2813 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(146, 174, 209) }
```

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

```
.border{ border-color:rgb(146, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(146, 174,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9865, 0.2643, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 174, 209) }
```

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

```
.background{ background-color: rgb(146,  
174, 209) }
```

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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