

Converting Colors

$Yxy(41.5525, 0.2664, 0.3086)$

Have a look what the booklet for
Yxy(41.5525, 0.2664, 0.3086)
contains.

Yxy(41.6059, 0.2665, 0.3089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.6059, 0.2665, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	86B4C2
RGB	134, 180, 194
RGB Percent	53%, 71%, 76%
CMY	0.4744, 0.2941, 0.2391
CMYK	0.31, 0.07, 0.00, 0.24
HSL	194°, 33%, 64%
HSV	194°, 31%, 76%
XYZ	35.8950, 41.6059, 57.1896
YIQ	167.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

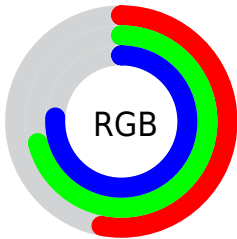
Format	Color
RYB	134, 160, 194
Decimal	8828098
CIELab	70.60, -11.86, -12.06
CIElCh	71, 16.913, 225.485
Yxy	41.6059, 0.2665, 0.3089
Android (android.graphics.Color)	4287018178 (0xFF86B4C2)
YUV	167.8420, 12.8959, -29.6794
Hunter-Lab	64.5026, -13.5463, -7.4161

Details

The Yxy color **41.6059, 0.2665, 0.3089** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3901, 0.3761, 0.3481**, and the grayscale version is **39.0274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7118, 0.2754, 0.3136**, and **18.8660, 0.2537, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **38.3550, 0.2528, 0.3013**, and if you desaturate by 10%, it is **45.2125, 0.2810, 0.3160**.

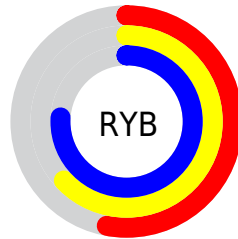
Distribution



Red (53%)

Green (71%)

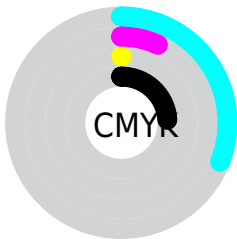
Blue (76%)



Red (53%)

Yellow (63%)

Blue (76%)

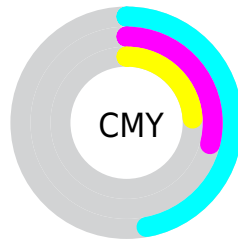


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6059, 0.2665, 0.3089 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 41.6059, 0.2665, 0.3089 by changing the saturation by 10% instead.

■ 41.6059, 0.2665,
0.3089

■ 41.6059, 0.2665,
0.3089

■ 352.8466, 0.2897,
0.3195

■ 28.7928, 0.2607,
0.3061

■ 77.6028, 0.2749,
0.3129

■ 18.9242, 0.2533,
0.3024

■ 101.5555, 0.2781,
0.3143

■ 11.6155, 0.2434,
0.2974

■ 129.9901, 0.2808,
0.3155

■ 6.4824, 0.2296,
0.2900

■ 163.2911, 0.2831,
0.3166

■ 3.1406, 0.2093,
0.2784

■ 201.8428, 0.2850,
0.3174

■ 1.2056, 0.1766,
0.2578

■ 246.0297, 0.2868,

■ 0.0662, 0.0000,

0.3182

0.0675

296.2362, 0.2883,
0.3189

0.0000, 0.0000,
0.0000

41.6059, 0.2665,
0.3089

41.6059, 0.2665,
0.3089

38.3550, 0.2528,
0.3013

45.2125, 0.2810,
0.3160

35.4383, 0.2403,
0.2933

49.1852, 0.2961,
0.3225

32.8394, 0.2292,
0.2849

53.5401, 0.3113,
0.3285

30.5380, 0.2198,
0.2764

58.2905, 0.3265,
0.3339

28.5114, 0.2124,
0.2677

63.4494, 0.3415,
0.3386

■ 26.7323, 0.2068,
0.2591

■ 69.0288, 0.3561,
0.3429

■ 25.2850, 0.2032,
0.2514

■ 72.1159, 0.3586,
0.3473

■ 74.4120, 0.3576,
0.3519

■ 76.7723, 0.3565,
0.3564

Harmonies

Analogous

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



41.6059, 0.2751, 0.3309



41.6059, 0.2665, 0.3089



41.6059, 0.2696, 0.2936

Triad

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



41.6059, 0.2665, 0.3089



41.6059, 0.3311, 0.3062



41.6059, 0.3412, 0.3723

Complementary

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



41.6059, 0.2665, 0.3089



34.3901, 0.3761, 0.3481

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.



41.6059, 0.3573, 0.3634



41.6059, 0.2665, 0.3089



41.6059, 0.3516, 0.3254

Square

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



41.6059, 0.2665, 0.3089



41.6059, 0.3062, 0.2928



41.6059, 0.3613, 0.3461



41.6059, 0.3177, 0.3689

Rectangle

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



41.6059, 0.2665, 0.3089



41.6059, 0.2780, 0.2888



41.6059, 0.3613, 0.3461



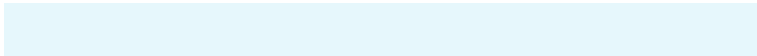
41.6059, 0.3476, 0.3706

Sweetspot

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



41.6076, 0.2665, 0.3089



90.4415, 0.2988, 0.3236



45.8025, 0.2990, 0.3971



19.5585, 0.2965, 0.3227



0.0000, 0.0000, 0.0000



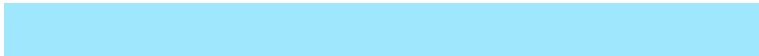
21.4041, 0.3127, 0.3290

Same Dimension

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



41.6076, 0.2665, 0.3089



71.3684, 0.2573, 0.3039



30.7873, 0.2613, 0.2639



11.0163, 0.2984, 0.3235



16.7504, 0.2035, 0.2525



0.8232, 0.2088, 0.2715

Inverse Universe

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



31.8249, 0.3304, 0.2695



51.3386, 0.3352, 0.2565



45.0439, 0.3645, 0.3865



10.2059, 0.3172, 0.3115



8.9732, 0.3897, 0.1920



0.3977, 0.3714, 0.1819

Previews

White Background



This preview shows how the Yxy color 41.6059, 0.2665, 0.3089 looks on a white background.

Color Contrast Check

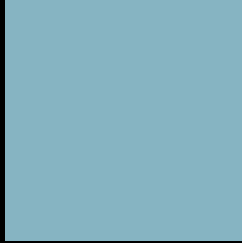
Large Text (above 18pt) WCAG AA × Fail

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 41.6059, 0.2665, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

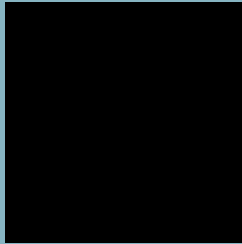
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

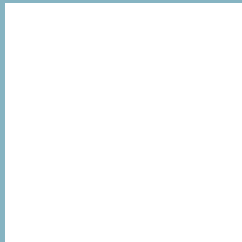
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6059, 0.2665, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 41.6059, 0.2665, 0.3089.



This preview shows how white text looks on a background with the Yxy color 41.6059, 0.2665, 0.3089.

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

41.6059, 0.2665, 0.3089

Protanopia

41.3027, 0.2980, 0.3061

Deuteranopia

41.3836, 0.2969, 0.2911



Tritanopia

41.6059, 0.2665, 0.3089

Trichromacy



Original Color

41.6059, 0.2665, 0.3089

Protanomaly

41.1579, 0.2858, 0.3068

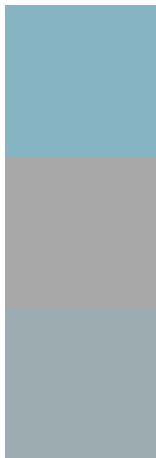
Deuteranomaly

41.0676, 0.2845, 0.2964

Tritanomaly

41.6059, 0.2665, 0.3089

Monochromacy



Original Color

41.6059, 0.2665, 0.3089

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7473, 0.2947, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6059, 0.2665, 0.3089 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(134, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(134, 180, 194)  
}
```

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(134, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 180, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.6059, 0.2665, 0.3089 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(134, 180, 194) }
```

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

```
.border{ border-color:rgb(134, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(134, 180,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6059, 0.2665, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 180, 194) }
```

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

```
.background{ background-color: rgb(134,  
180, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor