

Converting Colors

$Yxy(46.0703, 0.2688, 0.3098)$

Have a look what the booklet for
Yxy(46.0703, 0.2688, 0.3098)
contains.

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Color

Yxy(46.0703, 0.2688, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	8FBCCA
RGB	143, 188, 202
RGB Percent	56%, 74%, 79%
CMY	0.4392, 0.2627, 0.2078
CMYK	0.29, 0.07, 0.00, 0.21
HSL	194°, 36%, 68%
HSV	194°, 29%, 79%
XYZ	39.9732, 46.0703, 62.6663
YIQ	176.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

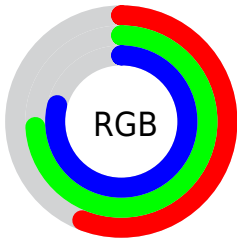
Format	Color
RYB	143, 169, 202
Decimal	9419978
CIELab	73.59, -11.56, -11.89
CIELCh	74, 16.585, 225.823
Yxy	46.0703, 0.2688, 0.3098
Android (android.graphics.Color)	4287610058 (0xFF8FBCCA)
YUV	176.1410, 12.7485, -29.0647
Hunter-Lab	67.8751, -13.6587, -7.2275

Details

The Yxy color **46.0703, 0.2688, 0.3098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6608, 0.3717, 0.3473**, and the grayscale version is **43.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9271, 0.2786, 0.3173**, and **21.6902, 0.2572, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **42.4133, 0.2549, 0.3021**, and if you desaturate by 10%, it is **50.1237, 0.2835, 0.3169**.

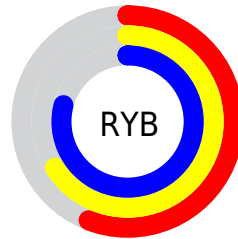
Distribution



Red (56%)

Green (74%)

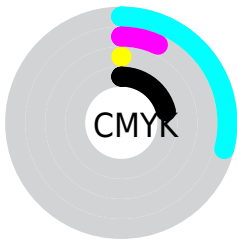
Blue (79%)



Red (56%)

Yellow (66%)

Blue (79%)

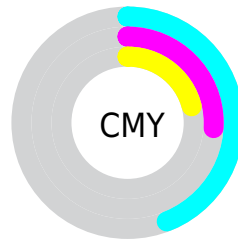


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (44%)

Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.0703, 0.2688, 0.3098 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 46.0703, 0.2688, 0.3098 by changing the saturation by 10% instead.

■ 46.0703, 0.2688,
0.3098

■ 46.0703, 0.2688,
0.3098

■ 371.0912, 0.2905,
0.3197

■ 32.3013, 0.2635,
0.3072

■ 84.3242, 0.2766,
0.3135

■ 21.5917, 0.2567,
0.3039

■ 109.5779, 0.2796,
0.3148

■ 13.5572, 0.2478,
0.2994

■ 139.4286, 0.2821,
0.3160

■ 7.8134, 0.2356,
0.2929

■ 174.2607, 0.2842,
0.3169

■ 3.9758, 0.2180,
0.2830

■ 214.4586, 0.2861,
0.3178

■ 1.6600, 0.1903,
0.2662

■ 260.4068, 0.2877,

■ 0.3976, 0.0535,

0.3185

0.2221

312.4895, 0.2892,
0.3192

0.0000, 0.0000,
0.0000

46.0703, 0.2688,
0.3098

46.0703, 0.2688,
0.3098

42.4133, 0.2549,
0.3021

50.1237, 0.2835,
0.3169

39.1292, 0.2421,
0.2940

54.5847, 0.2986,
0.3235

36.1999, 0.2306,
0.2856

59.4709, 0.3139,
0.3295

33.6038, 0.2209,
0.2769

64.7971, 0.3292,
0.3348

31.3159, 0.2131,
0.2681

70.5772, 0.3441,
0.3396

■ 29.3073, 0.2072,
0.2593

■ 75.0347, 0.3516,
0.3442

■ 27.5286, 0.2031,
0.2506

■ 77.5397, 0.3506,
0.3490

■ 27.3921, 0.2028,
0.2499

■ 80.1172, 0.3497,
0.3537

■ 82.7676, 0.3487,
0.3585

Harmonies

Analogous

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



46.0703, 0.2769, 0.3306



46.0703, 0.2688, 0.3098



46.0703, 0.2719, 0.2953

Triad

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



46.0703, 0.2688, 0.3098



46.0703, 0.3304, 0.3076



46.0703, 0.3395, 0.3700

Complementary

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



46.0703, 0.2688, 0.3098



38.6608, 0.3717, 0.3473

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.



46.0703, 0.3549, 0.3618



46.0703, 0.2688, 0.3098



46.0703, 0.3497, 0.3258

Square

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



46.0703, 0.2688, 0.3098



46.0703, 0.3068, 0.2947



46.0703, 0.3587, 0.3455



46.0703, 0.3172, 0.3666

Rectangle

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



46.0703, 0.2688, 0.3098



46.0703, 0.2800, 0.2908



46.0703, 0.3587, 0.3455



46.0703, 0.3457, 0.3685

Sweetspot

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



46.0721, 0.2688, 0.3098



92.4770, 0.2988, 0.3235



50.5117, 0.2996, 0.3929



19.5457, 0.2965, 0.3226



0.0000, 0.0000, 0.0000



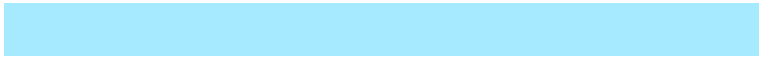
21.4041, 0.3127, 0.3290

Same Dimension

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



46.0721, 0.2688, 0.3098



74.0384, 0.2600, 0.3051



34.8134, 0.2643, 0.2679



12.2580, 0.2983, 0.3234



17.7682, 0.2031, 0.2511



1.0286, 0.2078, 0.2680

Inverse Universe

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



35.8367, 0.3294, 0.2729



54.3713, 0.3340, 0.2607



49.7747, 0.3615, 0.3834



11.3564, 0.3173, 0.3115



9.5967, 0.3912, 0.1928



0.5064, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 46.0703, 0.2688, 0.3098 looks on a white background.

Color Contrast Check

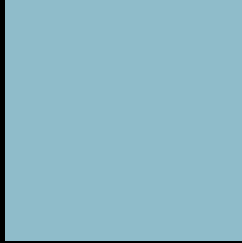
Large Text (above 18pt) WCAG AA × Fail

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 46.0703, 0.2688, 0.3098 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 46.0703, 0.2688, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 46.0703, 0.2688, 0.3098.



This preview shows how white text looks on a background with the Yxy color 46.0703, 0.2688, 0.3098.

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

46.0703, 0.2688, 0.3098

Protanopia

45.8094, 0.2994, 0.3070

Deuteranopia

45.8975, 0.2984, 0.2926



Tritanopia

46.1179, 0.2682, 0.3085

Trichromacy



Original Color

46.0703, 0.2688, 0.3098

Protanomaly

45.6401, 0.2876, 0.3078

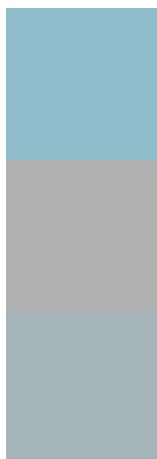
Deuteranomaly

45.5482, 0.2863, 0.2978

Tritanomaly

46.1179, 0.2682, 0.3085

Monochromacy



Original Color

46.0703, 0.2688, 0.3098

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0378, 0.2955, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0703, 0.2688, 0.3098 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(143, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 202)  
}
```

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(143, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 202) }
```

Border

The CSS property to change the border of an element to Yxy 46.0703, 0.2688, 0.3098 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(143, 188, 202) }
```

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

```
.border{ border-color:rgb(143, 188, 202) }
```

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

Here you see how a box with a 4 pixel rgb(143, 188, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0703, 0.2688, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 188, 202) }
```

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

```
.background{ background-color: rgb(143,  
188, 202) }
```

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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