

Converting Colors

$Yxy(47.0006, 0.2695, 0.3136)$

Have a look what the booklet for
Yxy(47.0006, 0.2695, 0.3136)
contains.

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Color

Yxy(46.8836, 0.2697, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	8FBEC9
RGB	143, 190, 201
RGB Percent	56%, 75%, 79%
CMY	0.4393, 0.2549, 0.2117
CMYK	0.29, 0.05, 0.00, 0.21
HSL	191°, 35%, 67%
HSV	191°, 29%, 79%
XYZ	40.2820, 46.8836, 62.1928
YIQ	177.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

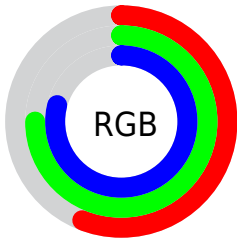
Format	Color
RYB	143, 169, 201
Decimal	9420489
CIELab	74.12, -12.86, -10.57
CIELCh	74, 16.643, 219.431
Yxy	46.8836, 0.2697, 0.3139
Android (android.graphics.Color)	4287610569 (0xFF8FBEC9)
YUV	177.2010, 11.7329, -29.9943
Hunter-Lab	68.4716, -14.8134, -5.9231

Details

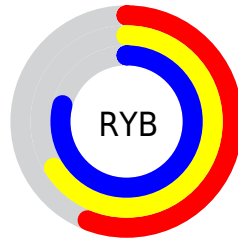
The Yxy color **46.8836, 0.2697, 0.3139** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5087, 0.3718, 0.3435**, and the grayscale version is **44.0262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1373, 0.2787, 0.3194**, and **22.2221, 0.2585, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **43.6195, 0.2562, 0.3079**, and if you desaturate by 10%, it is **50.5161, 0.2841, 0.3196**.

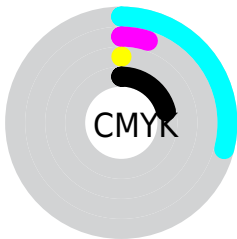
Distribution



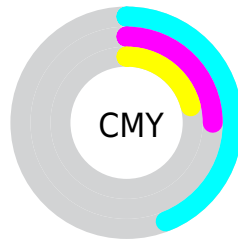
- Red (56%)
- Green (75%)
- Blue (79%)



- Red (56%)
- Yellow (66%)
- Blue (79%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (44%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8836, 0.2697, 0.3139 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 46.8836, 0.2697, 0.3139 by changing the saturation by 10% instead.

■ 46.8836, 0.2697,
0.3139

■ 46.8836, 0.2697,
0.3139

374.3497, 0.2909,
0.3218

■ 32.9436, 0.2645,
0.3119

■ 85.5398, 0.2773,
0.3168

■ 22.0833, 0.2579,
0.3092

■ 111.0249, 0.2802,
0.3179

■ 13.9181, 0.2493,
0.3055

141.1272, 0.2827,
0.3188

■ 8.0637, 0.2374,
0.3003

176.2310, 0.2848,
0.3196

■ 4.1358, 0.2203,
0.2922

216.7208, 0.2866,
0.3202

■ 1.7498, 0.1934,
0.2783

262.9809, 0.2882,

■ 0.4556, 0.0649,

0.3208

0.2481

315.3957, 0.2896,
0.3213

0.0000, 0.0000,
0.0000

46.8836, 0.2697,
0.3139

46.8836, 0.2697,
0.3139

43.6195, 0.2562,
0.3079

50.5161, 0.2841,
0.3196

40.7006, 0.2438,
0.3015

54.5276, 0.2991,
0.3248

38.1098, 0.2330,
0.2948

58.9350, 0.3144,
0.3295

35.8259, 0.2239,
0.2880

63.7528, 0.3298,
0.3338

33.8248, 0.2167,
0.2811

68.9943, 0.3449,
0.3376

■ 32.0783, 0.2114,
0.2743

■ 73.0071, 0.3531,
0.3413

■ 30.5402, 0.2078,
0.2675

■ 74.9464, 0.3524,
0.3451

■ 30.3727, 0.2074,
0.2667

■ 76.9310, 0.3516,
0.3489

■ 78.9613, 0.3508,
0.3527

Harmonies

Analogous

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



46.8836, 0.2800, 0.3353



46.8836, 0.2697, 0.3139



46.8836, 0.2704, 0.2977

Triad

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



46.8836, 0.2697, 0.3139



46.8836, 0.3255, 0.3043



46.8836, 0.3435, 0.3691

Complementary

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



46.8836, 0.2697, 0.3139



37.5087, 0.3718, 0.3435

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.



46.8836, 0.3567, 0.3588



46.8836, 0.2697, 0.3139



46.8836, 0.3462, 0.3217

Square

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



46.8836, 0.2697, 0.3139



46.8836, 0.3019, 0.2931



46.8836, 0.3578, 0.3414



46.8836, 0.3222, 0.3683

Rectangle

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



46.8836, 0.2697, 0.3139



46.8836, 0.2770, 0.2918



46.8836, 0.3578, 0.3414



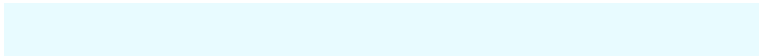
46.8836, 0.3490, 0.3667

Sweetspot

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



46.8855, 0.2697, 0.3139



93.1583, 0.2988, 0.3246



49.9382, 0.3017, 0.3964



19.7144, 0.2965, 0.3239



0.0000, 0.0000, 0.0000



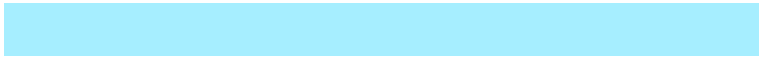
21.4041, 0.3127, 0.3290

Same Dimension

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



46.8855, 0.2697, 0.3139



76.4912, 0.2606, 0.3099



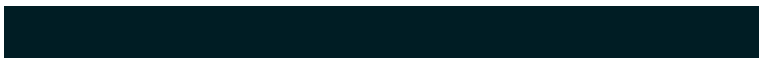
35.6701, 0.2654, 0.2730



11.7124, 0.2984, 0.3245



19.2210, 0.2077, 0.2677



1.0008, 0.2116, 0.2818

Inverse Universe

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



35.7761, 0.3265, 0.2704



54.6189, 0.3304, 0.2568



48.1193, 0.3618, 0.3793



10.7808, 0.3166, 0.3105



9.4804, 0.3750, 0.1840



0.4580, 0.3618, 0.1767

Previews

White Background



This preview shows how the Yxy color 46.8836, 0.2697, 0.3139 looks on a white background.

Color Contrast Check

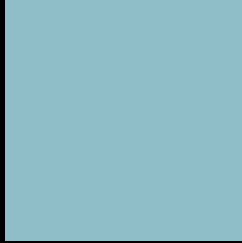
Large Text (above 18pt) WCAG AA × Fail

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 46.8836, 0.2697, 0.3139 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

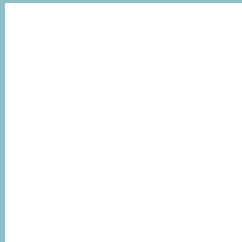
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8836, 0.2697, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 46.8836, 0.2697, 0.3139.



This preview shows how white text looks on a background with the Yxy color 46.8836, 0.2697, 0.3139.

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

46.8836, 0.2697, 0.3139

Protanopia

46.4064, 0.3018, 0.3097

Deuteranopia

46.6227, 0.3016, 0.2954



Tritanopia

46.7323, 0.2677, 0.3073

Trichromacy



Original Color

46.8836, 0.2697, 0.3139

Protanomaly

46.5277, 0.2892, 0.3118

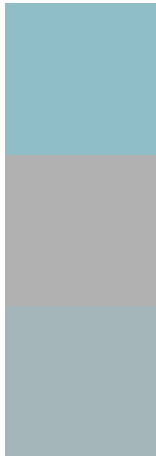
Deuteranomaly

46.5383, 0.2887, 0.3018

Tritanomaly

46.6841, 0.2684, 0.3086

Monochromacy



Original Color

46.8836, 0.2697, 0.3139

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.0004, 0.2956, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8836, 0.2697, 0.3139 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, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(143, 190, 201)  
}
```

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, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 190, 201) }
```

Border

The CSS property to change the border of an element to Yxy 46.8836, 0.2697, 0.3139 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, 190, 201) }
```

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

```
.border{ border-color:rgb(143, 190, 201) }
```

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

Here you see how a box with a 4 pixel rgb(143, 190, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(143, 190,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8836, 0.2697, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 190, 201) }
```

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

```
.background{ background-color: rgb(143,  
190, 201) }
```

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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