

Converting Colors

$Yxy(47.1049, 0.2679, 0.3105)$

Have a look what the booklet for
Yxy(47.1049, 0.2679, 0.3105)
contains.

Yxy(47.0262, 0.2678, 0.3099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0262, 0.2678, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	8FBECC
RGB	143, 190, 204
RGB Percent	56%, 75%, 80%
CMY	0.4394, 0.2549, 0.1999
CMYK	0.30, 0.07, 0.00, 0.20
HSL	194°, 37%, 68%
HSV	194°, 30%, 80%
XYZ	40.6377, 47.0262, 64.0825
YIQ	177.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

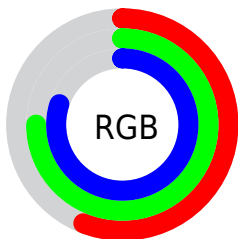
Format	Color
R _Y B	143, 170, 204
Decimal	9420492
CIE Lab	74.21, -12.15, -12.08
CIE LCh	74, 17.129, 224.838
Yxy	47.0262, 0.2678, 0.3099
Android (android.graphics.Color)	4287610572 (0xFF8FBECC)
YUV	177.5430, 13.0433, -30.2942
Hunter-Lab	68.5757, -14.2289, -7.4023

Details

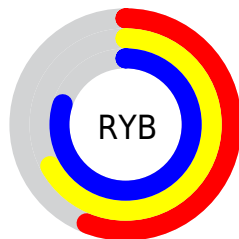
The Yxy color **47.0262, 0.2678, 0.3099** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9324, 0.3739, 0.3472**, and the grayscale version is **44.2073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1373, 0.2787, 0.3194**, and **22.2670, 0.2554, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **43.3731, 0.2540, 0.3025**, and if you desaturate by 10%, it is **51.0795, 0.2824, 0.3168**.

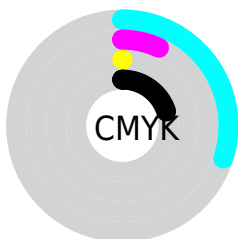
Distribution



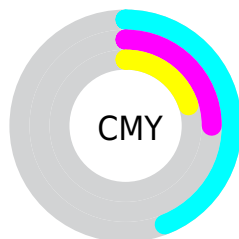
- Red (56%)
- Green (75%)
- Blue (80%)



- Red (56%)
- Yellow (67%)
- Blue (80%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0262, 0.2678, 0.3099 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 47.0262, 0.2678, 0.3099 by changing the saturation by 10% instead.

■ 47.0262, 0.2678,
0.3099

■ 47.0262, 0.2678,
0.3099

■ 374.9191, 0.2899,
0.3198

■ 33.0564, 0.2624,
0.3074

■ 85.7527, 0.2757,
0.3135

■ 22.1696, 0.2556,
0.3041

■ 111.2782, 0.2787,
0.3149

■ 13.9816, 0.2466,
0.2996

■ 141.4244, 0.2813,
0.3160

■ 8.1079, 0.2344,
0.2932

■ 176.5756, 0.2835,
0.3170

■ 4.1640, 0.2167,
0.2835

■ 217.1163, 0.2854,
0.3178

■ 1.7657, 0.1892,
0.2671

■ 263.4308, 0.2871,

■ 0.4657, 0.0724,

0.3186

0.2308

315.9037, 0.2886,
0.3192

0.0000, 0.0000,
0.0000

47.0262, 0.2678,
0.3099

47.0262, 0.2678,
0.3099

43.3731, 0.2540,
0.3025

51.0795, 0.2824,
0.3168

40.0959, 0.2414,
0.2946

55.5444, 0.2975,
0.3232

37.1762, 0.2302,
0.2864

60.4391, 0.3128,
0.3290

34.5916, 0.2207,
0.2780

65.7786, 0.3281,
0.3343

32.3163, 0.2131,
0.2695

71.5772, 0.3431,
0.3389

■ 30.3203, 0.2075,
0.2610

■ 75.8267, 0.3499,
0.3434

■ 28.5480, 0.2035,
0.2527

■ 78.2930, 0.3490,
0.3481

■ 28.5367, 0.2035,
0.2526

■ 80.8285, 0.3481,
0.3528

■ 83.4339, 0.3472,
0.3574

Harmonies

Analogous

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



47.0262, 0.2764, 0.3314



47.0262, 0.2678, 0.3099



47.0262, 0.2706, 0.2948

Triad

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



47.0262, 0.2678, 0.3099



47.0262, 0.3301, 0.3065



47.0262, 0.3408, 0.3710

Complementary

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



47.0262, 0.2678, 0.3099



38.9324, 0.3739, 0.3472

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.



47.0262, 0.3563, 0.3622



47.0262, 0.2678, 0.3099



47.0262, 0.3501, 0.3251

Square

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



47.0262, 0.2678, 0.3099



47.0262, 0.3059, 0.2936



47.0262, 0.3598, 0.3452



47.0262, 0.3181, 0.3680

Rectangle

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



47.0262, 0.2678, 0.3099



47.0262, 0.2786, 0.2899



47.0262, 0.3598, 0.3452



47.0262, 0.3471, 0.3693

Sweetspot

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



47.0281, 0.2678, 0.3099



92.5877, 0.2988, 0.3237



51.4446, 0.3000, 0.3963



19.5731, 0.2965, 0.3228



0.0000, 0.0000, 0.0000



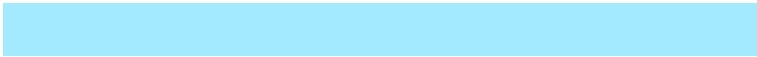
21.4041, 0.3127, 0.3290

Same Dimension

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



47.0281, 0.2678, 0.3099



73.8277, 0.2587, 0.3051



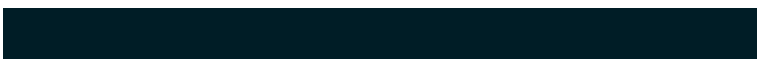
35.4301, 0.2631, 0.2676



12.2732, 0.2983, 0.3236



18.1012, 0.2038, 0.2538



1.0433, 0.2084, 0.2702

Inverse Universe

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



36.1927, 0.3295, 0.2709



53.4614, 0.3342, 0.2581



50.2500, 0.3632, 0.3836



11.3580, 0.3172, 0.3113



9.6303, 0.3885, 0.1914



0.5079, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 47.0262, 0.2678, 0.3099 looks on a white background.

Color Contrast Check

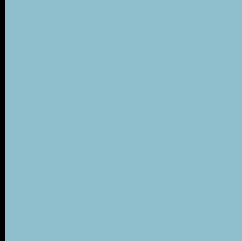
Large Text (above 18pt) WCAG AA × Fail

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 47.0262, 0.2678, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

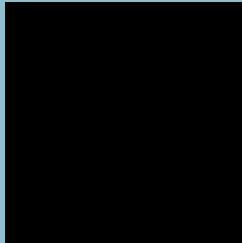
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0262, 0.2678, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 47.0262, 0.2678, 0.3099.



This preview shows how white text looks on a background with the Yxy color 47.0262, 0.2678, 0.3099.

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

47.0262, 0.2678, 0.3099

Protanopia

46.8283, 0.2988, 0.3072

Deuteranopia

46.6406, 0.2985, 0.2917



Tritanopia

47.0743, 0.2672, 0.3086

Trichromacy



Original Color

47.0262, 0.2678, 0.3099

Protanomaly

46.6666, 0.2871, 0.3080

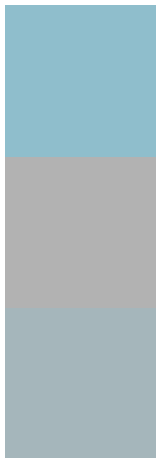
Deuteranomaly

46.6828, 0.2866, 0.2981

Tritanomaly

47.0743, 0.2672, 0.3086

Monochromacy



Original Color

47.0262, 0.2678, 0.3099

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0431, 0.2948, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0262, 0.2678, 0.3099 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 190, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 190, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.0262, 0.2678, 0.3099 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, 204) }
```

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

```
.border{ border-color:rgb(143, 190, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 190,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0262, 0.2678, 0.3099 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, 204) }
```

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

```
.background{ background-color: rgb(143,  
190, 204) }
```

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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