

Converting Colors

Yxy(51.4629, 0.2687, 0.3069)

Have a look what the booklet for
Yxy(51.4629, 0.2687, 0.3069)
contains.

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Color

Yxy(51.4629, 0.2687, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	98C5D6
RGB	152, 197, 214
RGB Percent	60%, 77%, 84%
CMY	0.4037, 0.2275, 0.1608
CMYK	0.29, 0.08, 0.00, 0.16
HSL	196°, 43%, 72%
HSV	196°, 29%, 84%
XYZ	45.0573, 51.4629, 71.1660
YIQ	185.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

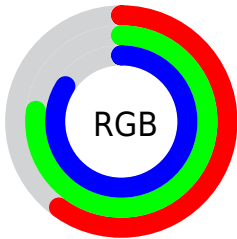
Format	Color
RYB	152, 178, 214
Decimal	10012118
CIELab	76.96, -10.82, -13.29
CIELCh	77, 17.141, 230.857
Yxy	51.4629, 0.2687, 0.3069
Android (android.graphics.Color)	4288202198 (0xFF98C5D6)
YUV	185.4830, 14.0589, -29.3646
Hunter-Lab	71.7376, -13.4278, -8.6012

Details

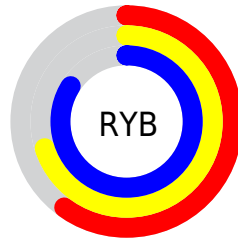
The Yxy color **51.4629, 0.2687, 0.3069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9520, 0.3706, 0.3500**, and the grayscale version is **48.7378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5135, 0.2849, 0.3279**, and **24.8008, 0.2573, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **46.9684, 0.2544, 0.2980**, and if you desaturate by 10%, it is **56.4378, 0.2837, 0.3152**.

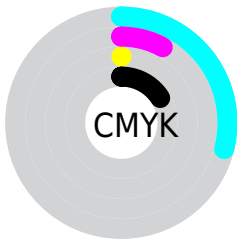
Distribution



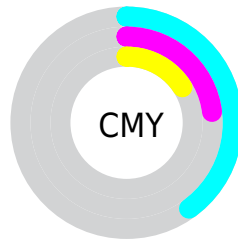
- Red (60%)
- Green (77%)
- Blue (84%)



- Red (60%)
- Yellow (70%)
- Blue (84%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)




- Cyan (40%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4629, 0.2687, 0.3069 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 51.4629, 0.2687, 0.3069 by changing the saturation by 10% instead.

 51.4629, 0.2687,
0.3069

 51.4629, 0.2687,
0.3069


392.3596, 0.2900,
0.3180

 36.5771, 0.2636,
0.3041


 92.3387, 0.2763,
0.3110

 24.8803, 0.2572,
0.3005


 119.0974, 0.2792,
0.3125

 15.9879, 0.2488,
0.2958


150.5827, 0.2816,
0.3138

 9.5156, 0.2376,
0.2891

187.1788, 0.2838,
0.3149

 5.0790, 0.2216,
0.2793

229.2701, 0.2856,
0.3158

 2.2937, 0.1975,
0.2635

277.2411, 0.2873,

 0.7704, 0.1440,

0.3167

0.2370

331.4761, 0.2887,
0.3174

0.0000, 0.0000,
0.0000

51.4629, 0.2687,
0.3069

51.4629, 0.2687,
0.3069

46.9684, 0.2544,
0.2980

56.4378, 0.2837,
0.3152

42.9270, 0.2411,
0.2885

61.9067, 0.2990,
0.3228

39.3175, 0.2291,
0.2785

67.8899, 0.3143,
0.3297

36.1146, 0.2188,
0.2683

74.4050, 0.3295,
0.3359

33.2891, 0.2104,
0.2580

80.6940, 0.3414,
0.3415

■ 30.8072, 0.2040,
0.2476

■ 83.9474, 0.3405,
0.3473

■ 28.6154, 0.1995,
0.2374

■ 87.3113, 0.3395,
0.3530

■ 28.3937, 0.1990,
0.2364

■ 90.7867, 0.3386,
0.3587

■ 94.3745, 0.3377,
0.3642

Harmonies

Analogous

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



51.4629, 0.2749, 0.3269



51.4629, 0.2687, 0.3069



51.4629, 0.2737, 0.2939

Triad

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



51.4629, 0.2687, 0.3069



51.4629, 0.3340, 0.3104



51.4629, 0.3360, 0.3701

Complementary

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



51.4629, 0.2687, 0.3069



44.9520, 0.3706, 0.3500

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.



51.4629, 0.3528, 0.3638



51.4629, 0.2687, 0.3069



51.4629, 0.3519, 0.3291

Square

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



51.4629, 0.2687, 0.3069



51.4629, 0.3108, 0.2965



51.4629, 0.3588, 0.3485



51.4629, 0.3133, 0.3647

Rectangle

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



51.4629, 0.2687, 0.3069



51.4629, 0.2828, 0.2905



51.4629, 0.3588, 0.3485



51.4629, 0.3425, 0.3692

Sweetspot

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



51.4650, 0.2687, 0.3069



91.9533, 0.2987, 0.3227



57.6138, 0.2984, 0.3897



19.4162, 0.2965, 0.3216



0.0000, 0.0000, 0.0000



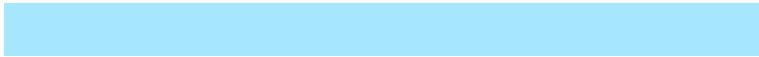
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4650, 0.2687, 0.3069



72.1831, 0.2594, 0.3012



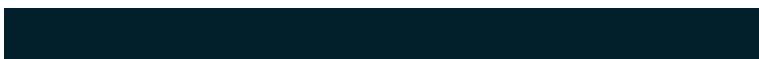
38.9887, 0.2643, 0.2654



13.5050, 0.2982, 0.3225



17.3466, 0.1994, 0.2379



1.1811, 0.2043, 0.2555

Inverse Universe

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



40.7969, 0.3315, 0.2758



54.1840, 0.3368, 0.2638



57.6550, 0.3606, 0.3854



12.5719, 0.3179, 0.3122



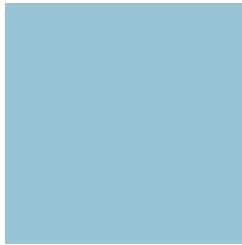
10.0960, 0.4045, 0.2002



0.6226, 0.3868, 0.1905

Previews

White Background



This preview shows how the Yxy color 51.4629, 0.2687, 0.3069 looks on a white background.

Color Contrast Check

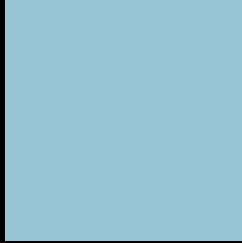
Large Text (above 18pt) WCAG AA × Fail

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 51.4629, 0.2687, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

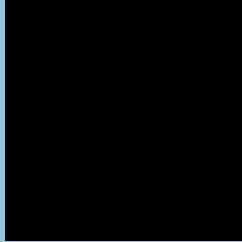
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

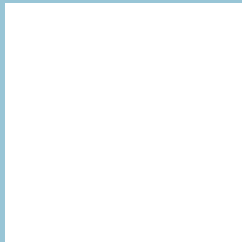
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4629, 0.2687, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 51.4629, 0.2687, 0.3069.



This preview shows how white text looks on a background with the Yxy color 51.4629, 0.2687, 0.3069.

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

51.4629, 0.2687, 0.3069

Protanopia

51.0853, 0.2971, 0.3043

Deuteranopia

51.3098, 0.2968, 0.2907



Tritanopia

51.4120, 0.2693, 0.3081

Trichromacy



Original Color

51.4629, 0.2687, 0.3069

Protanomaly

50.9134, 0.2859, 0.3050

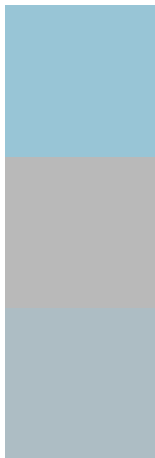
Deuteranomaly

50.9368, 0.2854, 0.2956

Tritanomaly

51.4120, 0.2693, 0.3081

Monochromacy



Original Color

51.4629, 0.2687, 0.3069

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2650, 0.2948, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4629, 0.2687, 0.3069 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(152, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(152, 197, 214)  
}
```

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(152, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 51.4629, 0.2687, 0.3069 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(152, 197, 214) }
```

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

```
.border{ border-color:rgb(152, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(152, 197,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4629, 0.2687, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 197, 214) }
```

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

```
.background{ background-color: rgb(152,  
197, 214) }
```

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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