

Converting Colors

$Yxy(51.1867, 0.2974, 0.3745)$

Have a look what the booklet for
Yxy(51.1867, 0.2974, 0.3745)
contains.

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Color

Yxy(51.0845, 0.2972, 0.3746)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96C9A8 |
| RGB | 150, 201, 168 |
| RGB Percent | 59%, 79%, 66% |
| CMY | 0.4118, 0.2117, 0.3413 |
| CMYK | 0.25, 0.00, 0.16, 0.21 |
| HSL | 141°, 32%, 69% |
| HSV | 141°, 25%, 79% |
| XYZ | 40.5294, 51.0845, 44.7569 |
| YIQ | 181.9890, -19.8030, -21.0750 |

Conversions

Conversions Part 2

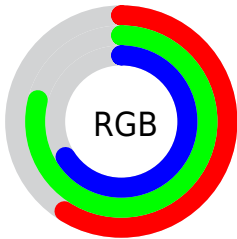
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 150, 188, 201 |
| Decimal | 9882024 |
| CIELab | 76.73, -23.36, 11.17 |
| CIELCh | 77, 25.893, 154.437 |
| Yxy | 51.0845, 0.2972, 0.3746 |
| Android (android.graphics.Color) | 4288072104 (0xFF96C9A8) |
| YUV | 181.9890, -6.8966, -28.0544 |
| Hunter-Lab | 71.4734, -23.8591, 12.9038 |

Details

The Yxy color **51.0845, 0.2972, 0.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.6499, 0.3325, 0.2874**, and the grayscale version is **46.8187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8268, 0.3002, 0.3632**, and **24.7251, 0.2925, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **48.8795, 0.2917, 0.3961**, and if you desaturate by 10%, it is **53.6694, 0.3032, 0.3551**.

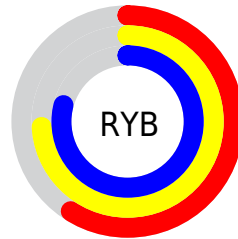
Distribution



Red (59%)

Green (79%)

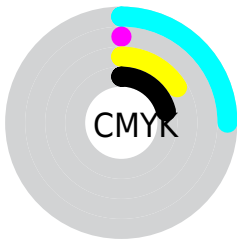
Blue (66%)



Red (59%)

Yellow (74%)

Blue (79%)

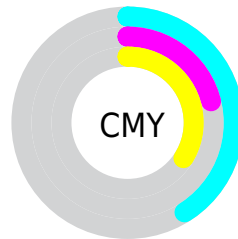


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (21%)



Cyan (41%)


Magenta (21%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0845, 0.2972, 0.3746 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 51.0845, 0.2972, 0.3746 by changing the saturation by 10% instead.

 51.0845, 0.2972,
0.3746

 51.0845, 0.2972,
0.3746


390.8920, 0.3052,
0.3514

 36.2759, 0.2951,
0.3805


 91.7797, 0.3002,
0.3661

 24.6473, 0.2924,
0.3881


 118.4350, 0.3012,
0.3629

 15.8145, 0.2888,
0.3984


149.8080, 0.3022,
0.3603

 9.3930, 0.2835,
0.4130

186.2831, 0.3029,
0.3580

 4.9984, 0.2754,
0.4352

228.2446, 0.3036,
0.3560

 2.2463, 0.2612,
0.4731

276.0770, 0.3042,

 0.7451, 0.1511,

0.3543

0.8160

330.1647, 0.3047,
0.3528

0.0000, 0.0000,
0.0000

51.0845, 0.2972,
0.3746

51.0845, 0.2972,
0.3746

48.8795, 0.2917,
0.3961

53.6694, 0.3032,
0.3551

47.0299, 0.2869,
0.4193

56.6447, 0.3094,
0.3376

45.5181, 0.2831,
0.4439


60.0283, 0.3156,
0.3221


44.3227, 0.2807,
0.4690


63.8352, 0.3217,
0.3084

43.4192, 0.2800,
0.4938


68.0795, 0.3276,
0.2965

 42.7799, 0.2811,
0.5173

 69.6951, 0.3215,
0.2845

 42.3706, 0.2838,
0.5383

 70.2568, 0.3152,
0.2762

 42.2298, 0.2853,
0.5472

Harmonies

Analogous

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



51.0845, 0.3322, 0.3909



51.0845, 0.2972, 0.3746



51.0845, 0.2675, 0.3439

Triad

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



51.0845, 0.2972, 0.3746



51.0845, 0.2628, 0.2724



51.0845, 0.3796, 0.3416

Complementary

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



51.0845, 0.2972, 0.3746



37.6499, 0.3325, 0.2874

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.



51.0845, 0.3589, 0.3130



51.0845, 0.2972, 0.3746



51.0845, 0.2905, 0.2744

Square

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



51.0845, 0.2972, 0.3746



51.0845, 0.2486, 0.2847



51.0845, 0.3257, 0.2890



51.0845, 0.3809, 0.3690

Rectangle

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



51.0845, 0.2972, 0.3746



51.0845, 0.2543, 0.3211



51.0845, 0.3257, 0.2890



51.0845, 0.3746, 0.3319

Sweetspot

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



51.0866, 0.2972, 0.3746



95.5124, 0.3077, 0.3422



54.0648, 0.3357, 0.3950



20.2739, 0.3067, 0.3448



0.0000, 0.0000, 0.0000



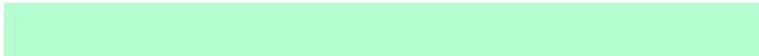
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0866, 0.2972, 0.3746



85.4744, 0.2943, 0.3852



52.1266, 0.2806, 0.3391



11.9486, 0.3069, 0.3443



26.5661, 0.2846, 0.5445



1.2717, 0.2724, 0.5008

Inverse Universe

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



37.6499, 0.3325, 0.2874



58.9036, 0.3374, 0.2789



36.6863, 0.3579, 0.3192



10.7507, 0.3190, 0.3141



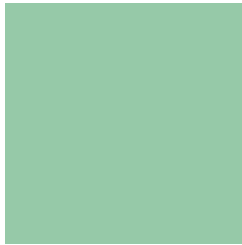
8.8416, 0.4336, 0.2162



0.4320, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 51.0845, 0.2972, 0.3746 looks on a white background.

Color Contrast Check

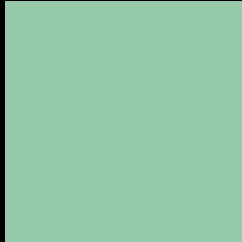
Large Text (above 18pt) WCAG AA × Fail

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 51.0845, 0.2972, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

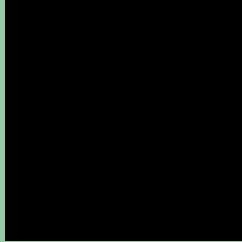
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0845, 0.2972, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 51.0845, 0.2972, 0.3746.



This preview shows how white text looks on a background with the Yxy color 51.0845, 0.2972, 0.3746.

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

51.0845, 0.2972, 0.3746

Protanopia

50.5808, 0.3419, 0.3618

Deuteranopia

50.5806, 0.3481, 0.3411



Tritanopia

51.0025, 0.2742, 0.3083

Trichromacy



Original Color

51.0845, 0.2972, 0.3746

Protanomaly

50.6440, 0.3248, 0.3670

Deuteranomaly

50.2826, 0.3275, 0.3520

Tritanomaly

50.8412, 0.2826, 0.3316

Monochromacy



Original Color

51.0845, 0.2972, 0.3746

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.1156, 0.3063, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0845, 0.2972, 0.3746 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(150, 201, 168)` looks like.

```
.text, #text, p{  
    color:rgb(150, 201, 168)  
}
```

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(150, 201, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 201, 168) }
```

Border

The CSS property to change the border of an element to Yxy 51.0845, 0.2972, 0.3746 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(150, 201, 168) }
```

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

```
.border{ border-color:rgb(150, 201, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 201, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 201, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 201, 168);  
box-shadow:4px 4px 4px 4px rgb(150, 201,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0845, 0.2972, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 201, 168) }
```

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

```
.background{ background-color: rgb(150,  
201, 168) }
```

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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