

Converting Colors

$Yxy(50.8882, 0.3053, 0.3686)$

Have a look what the booklet for
Yxy(50.8882, 0.3053, 0.3686)
contains.

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Color

Yxy(50.9341, 0.3055, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	A2C6A9
RGB	162, 198, 169
RGB Percent	64%, 78%, 66%
CMY	0.3646, 0.2235, 0.3373
CMYK	0.18, 0.00, 0.15, 0.22
HSL	132°, 24%, 71%
HSV	132°, 18%, 78%
XYZ	42.2606, 50.9341, 45.1380
YIQ	183.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

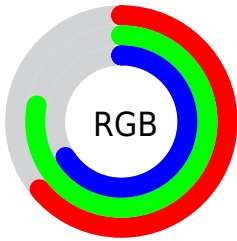
Format	Color
RYB	162, 192, 198
Decimal	10667689
CIELab	76.64, -17.68, 10.60
CIElCh	77, 20.614, 149.070
Yxy	50.9341, 0.3055, 0.3682
Android (android.graphics.Color)	4288857769 (0xFFA2C6A9)
YUV	183.9300, -7.3605, -19.2326
Hunter-Lab	71.3681, -19.1954, 12.4587

Details

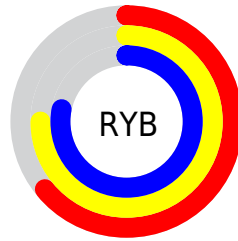
The Yxy color **50.9341, 0.3055, 0.3682** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6216, 0.3209, 0.2927**, and the grayscale version is **47.9427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6535, 0.3069, 0.3614**, and **24.5459, 0.3032, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **48.4593, 0.3016, 0.3935**, and if you desaturate by 10%, it is **53.8130, 0.3095, 0.3455**.

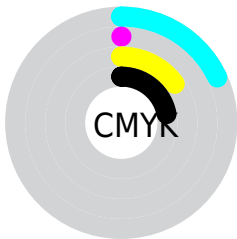
Distribution



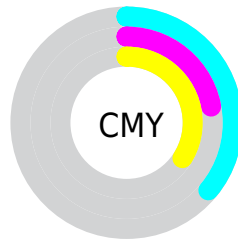
- Red (64%)
- Green (78%)
- Blue (66%)



- Red (64%)
- Yellow (75%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9341, 0.3055, 0.3682 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 50.9341, 0.3055, 0.3682 by changing the saturation by 10% instead.


 50.9341, 0.3055,
0.3682


 50.9341, 0.3055,
0.3682

390.3077, 0.3093,
0.3484

 36.1562, 0.3045,
0.3732


 91.5574, 0.3069,
0.3609

 24.5548, 0.3031,
0.3797


 118.1715, 0.3075,
0.3582

 15.7457, 0.3013,
0.3884


149.4998, 0.3079,
0.3560

 9.3444, 0.2986,
0.4007

185.9266, 0.3083,
0.3540

 4.9665, 0.2943,
0.4194

227.8364, 0.3086,
0.3523

 2.2276, 0.2865,
0.4509

275.6136, 0.3089,

 0.7350, 0.2515,

0.3508

0.6924

329.6426, 0.3091,
0.3495

0.0000, 0.0000,
0.0000

50.9341, 0.3055,
0.3682

50.9341, 0.3055,
0.3682

48.4593, 0.3016,
0.3935

53.8130, 0.3095,
0.3455

46.3642, 0.2980,
0.4212

57.1061, 0.3134,
0.3255

44.6317, 0.2949,
0.4507

60.8315, 0.3172,
0.3080

43.2409, 0.2926,
0.4810

65.0041, 0.3209,
0.2928

42.1687, 0.2913,
0.5106

68.4756, 0.3197,
0.2789

■ 41.3891, 0.2912,
0.5379

■ 68.8667, 0.3153,
0.2732

■ 40.8718, 0.2924,
0.5611

■ 40.5721, 0.2946,
0.5789

■ 40.5288, 0.2949,
0.5816

Harmonies

Analogous

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



50.9341, 0.3335, 0.3786



50.9341, 0.3055, 0.3682



50.9341, 0.2803, 0.3457

Triad

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



50.9341, 0.3055, 0.3682



50.9341, 0.2697, 0.2845



50.9341, 0.3639, 0.3354

Complementary

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



50.9341, 0.3055, 0.3682



41.6216, 0.3209, 0.2927

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.



50.9341, 0.3453, 0.3124



50.9341, 0.3055, 0.3682



50.9341, 0.2905, 0.2838

Square

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



50.9341, 0.3055, 0.3682



50.9341, 0.2603, 0.2968



50.9341, 0.3181, 0.2939



50.9341, 0.3680, 0.3579

Rectangle

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



50.9341, 0.3055, 0.3682



50.9341, 0.2682, 0.3278



50.9341, 0.3181, 0.2939



50.9341, 0.3591, 0.3275

Sweetspot

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



50.9363, 0.3055, 0.3682



97.0169, 0.3107, 0.3391



54.1254, 0.3342, 0.3745



20.6792, 0.3104, 0.3405



0.0000, 0.0000, 0.0000



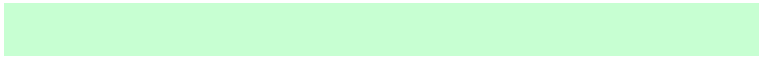
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9363, 0.3055, 0.3682



88.2897, 0.3039, 0.3784



51.6429, 0.2933, 0.3440



11.9209, 0.3090, 0.3482



26.3676, 0.2944, 0.5798



1.2588, 0.2837, 0.5414

Inverse Universe

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



41.6216, 0.3209, 0.2927



68.6010, 0.3230, 0.2842



40.8920, 0.3368, 0.3145



10.7801, 0.3167, 0.3106



9.4628, 0.3763, 0.1847



0.4574, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 50.9341, 0.3055, 0.3682 looks on a white background.

Color Contrast Check

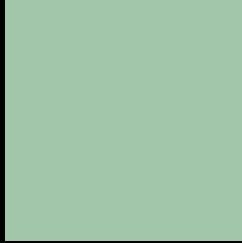
Large Text (above 18pt) WCAG AA × Fail

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 50.9341, 0.3055, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

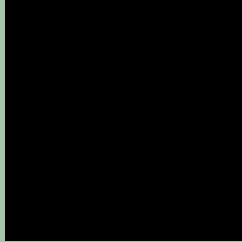
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9341, 0.3055, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 50.9341, 0.3055, 0.3682.



This preview shows how white text looks on a background with the Yxy color 50.9341, 0.3055, 0.3682.

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

50.9341, 0.3055, 0.3682

Protanopia

50.6525, 0.3402, 0.3592

Deuteranopia

50.5806, 0.3481, 0.3411



Tritanopia

51.1290, 0.2837, 0.3098

Trichromacy



Original Color

50.9341, 0.3055, 0.3682

Protanomaly

50.7667, 0.3268, 0.3627

Deuteranomaly

50.3760, 0.3311, 0.3506

Tritanomaly

51.0322, 0.2911, 0.3302

Monochromacy



Original Color

50.9341, 0.3055, 0.3682

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.8800, 0.3096, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9341, 0.3055, 0.3682 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(162, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 169)  
}
```

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(162, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.9341, 0.3055, 0.3682 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(162, 198, 169) }
```

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

```
.border{ border-color:rgb(162, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9341, 0.3055, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 169) }
```

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

```
.background{ background-color: rgb(162,  
198, 169) }
```

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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