

Converting Colors

$Yxy(52.5066, 0.3085, 0.3843)$

Have a look what the booklet for
Yxy(52.5066, 0.3085, 0.3843)
contains.

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Color

Yxy(52.7941, 0.3086, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	A0CBA2
RGB	160, 203, 162
RGB Percent	63%, 80%, 64%
CMY	0.3726, 0.2039, 0.3647
CMYK	0.21, 0.00, 0.20, 0.20
HSL	123°, 29%, 71%
HSV	123°, 21%, 80%
XYZ	42.3726, 52.7941, 42.1392
YIQ	185.4690, -12.4670, -21.8670

Conversions

Conversions Part 2

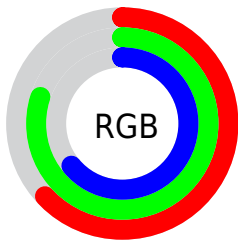
Format	Color
RYB	160, 201, 203
Decimal	10537890
CIELab	77.75, -22.15, 15.89
CIELCh	78, 27.261, 144.335
Yxy	52.7941, 0.3086, 0.3845
Android (android.graphics.Color)	4288727970 (0xFFA0CBA2)
YUV	185.4690, -11.5702, -22.3363
Hunter-Lab	72.6595, -23.0591, 16.4762

Details

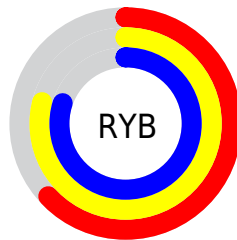
The Yxy color **52.7941, 0.3086, 0.3845** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0514, 0.3169, 0.2791**, and the grayscale version is **48.8613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9768, 0.3096, 0.3691**, and **25.8088, 0.3073, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **50.2363, 0.3065, 0.4156**, and if you desaturate by 10%, it is **55.8039, 0.3106, 0.3565**.

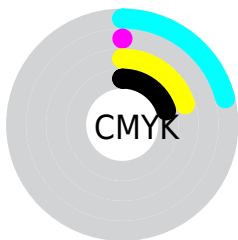
Distribution



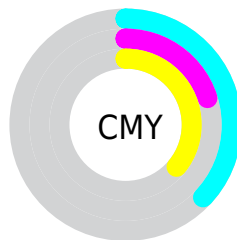
- Red (63%)
- Green (80%)
- Blue (64%)



- Red (63%)
- Yellow (79%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7941, 0.3086, 0.3845 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 52.7941, 0.3086, 0.3845 by changing the saturation by 10% instead.


 52.7941, 0.3086,
0.3845

 52.7941, 0.3086,
0.3845


397.4947, 0.3111,
0.3564

 37.6384, 0.3078,
0.3916


 94.3013, 0.3096,
0.3742

 25.7022, 0.3068,
0.4008


 121.4217, 0.3100,
0.3704

 16.6010, 0.3052,
0.4132


153.2990, 0.3102,
0.3671

 9.9504, 0.3028,
0.4306

190.3177, 0.3105,
0.3643

 5.3661, 0.2985,
0.4569

232.8623, 0.3107,
0.3620

 2.4636, 0.2900,
0.5007

281.3170, 0.3108,

 0.8583, 0.2427,

0.3599

0.7573

336.0664, 0.3110,
0.3580

0.0000, 0.0000,
0.0000

52.7941, 0.3086,
0.3845

52.7941, 0.3086,
0.3845

50.2363, 0.3065,
0.4156

55.8039, 0.3106,
0.3565

48.1023, 0.3045,
0.4491

59.2790, 0.3125,
0.3317

46.3713, 0.3025,
0.4836

63.2403, 0.3142,
0.3102

45.0180, 0.3009,
0.5173

67.7054, 0.3158,
0.2916

44.0141, 0.2998,
0.5476

71.1954, 0.3151,
0.2782

■ 43.3274, 0.2992,
0.5722

■ 42.9199, 0.2992,
0.5891

■ 42.7363, 0.2993,
0.5974

Harmonies

Analogous

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



52.7941, 0.3447, 0.3947



52.7941, 0.3086, 0.3845



52.7941, 0.2749, 0.3563

Triad

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



52.7941, 0.3086, 0.3845



52.7941, 0.2541, 0.2728



52.7941, 0.3772, 0.3318

Complementary

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



52.7941, 0.3086, 0.3845



42.0514, 0.3169, 0.2791

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.



52.7941, 0.3501, 0.3031



52.7941, 0.3086, 0.3845



52.7941, 0.2786, 0.2700

Square

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



52.7941, 0.3086, 0.3845



52.7941, 0.2447, 0.2904



52.7941, 0.3135, 0.2810



52.7941, 0.3857, 0.3614

Rectangle

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



52.7941, 0.3086, 0.3845



52.7941, 0.2581, 0.3326



52.7941, 0.3135, 0.2810



52.7941, 0.3699, 0.3218

Sweetspot

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



52.7963, 0.3086, 0.3845



96.3088, 0.3116, 0.3434



57.7502, 0.3432, 0.3816



20.5319, 0.3115, 0.3451



0.0000, 0.0000, 0.0000



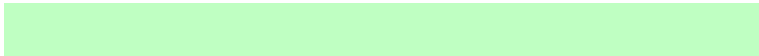
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7963, 0.3086, 0.3845



86.5344, 0.3077, 0.3970



53.6037, 0.2944, 0.3555



12.5453, 0.3110, 0.3518



27.1986, 0.2991, 0.5966



1.4062, 0.2959, 0.5853

Inverse Universe

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



42.0514, 0.3169, 0.2791



65.6600, 0.3178, 0.2693



41.1325, 0.3358, 0.3039



11.3943, 0.3145, 0.3072



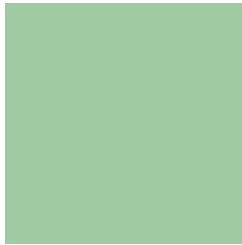
10.5483, 0.3329, 0.1607



0.5470, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 52.7941, 0.3086, 0.3845 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 52.7941, 0.3086, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

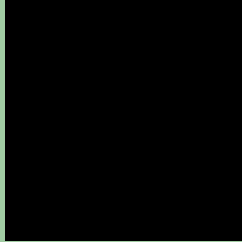
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7941, 0.3086, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 52.7941, 0.3086, 0.3845.



This preview shows how white text looks on a background with the Yxy color 52.7941, 0.3086, 0.3845.

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

52.7941, 0.3086, 0.3845

Protanopia

52.3584, 0.3504, 0.3724

Deuteranopia

52.0942, 0.3581, 0.3504



Tritanopia

52.6683, 0.2813, 0.3088

Trichromacy



Original Color

52.7941, 0.3086, 0.3845

Protanomaly

52.0636, 0.3341, 0.3767

Deuteranomaly

51.9840, 0.3388, 0.3616

Tritanomaly

52.8489, 0.2912, 0.3354

Monochromacy



Original Color

52.7941, 0.3086, 0.3845

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.1037, 0.3110, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7941, 0.3086, 0.3845 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(160, 203, 162)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 162)  
}
```

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(160, 203, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.7941, 0.3086, 0.3845 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(160, 203, 162) }
```

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

```
.border{ border-color:rgb(160, 203, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 203, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 162);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7941, 0.3086, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 162) }
```

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

```
.background{ background-color: rgb(160,  
203, 162) }
```

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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