

Converting Colors

Yxy(52.6523, 0.3078, 0.4333)

Have a look what the booklet for
Yxy(52.6523, 0.3078, 0.4333)
contains.

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Color

Yxy(52.6127, 0.3078, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	88D188
RGB	136, 209, 136
RGB Percent	53%, 82%, 53%
CMY	0.4669, 0.1803, 0.4667
CMYK	0.35, 0.00, 0.35, 0.18
HSL	120°, 44%, 68%
HSV	120°, 35%, 82%
XYZ	37.3913, 52.6127, 31.4753
YIQ	178.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

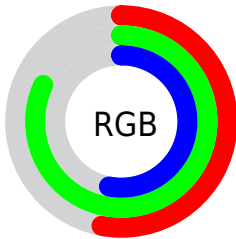
Format	Color
RYB	136, 209, 209
Decimal	8966536
CIELab	77.65, -37.28, 29.22
CIELCh	78, 47.365, 141.914
Yxy	52.6127, 0.3078, 0.4331
Android (android.graphics.Color)	4287156616 (0xFF88D188)
YUV	178.8510, -21.1255, -37.5803
Hunter-Lab	72.5346, -34.9194, 25.0462

Details

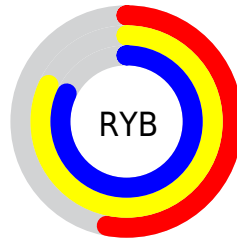
The Yxy color **52.6127, 0.3078, 0.4331** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **35.7533, 0.3168, 0.2431**, and the grayscale version is **45.1136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4442, 0.3105, 0.4018**, and **25.5609, 0.3038, 0.4657** is the 20% darker color. If you saturate the color by 10%, you get **50.4958, 0.3061, 0.4687**, and if you desaturate by 10%, it is **55.1909, 0.3094, 0.3994**.

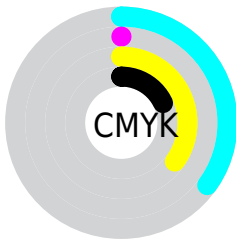
Distribution



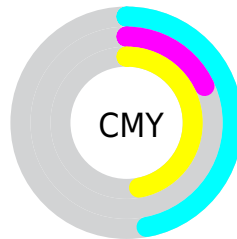
- Red (53%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)




- Cyan (47%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6127, 0.3078, 0.4331 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 52.6127, 0.3078, 0.4331 by changing the saturation by 10% instead.


 52.6127, 0.3078,
0.4331


 52.6127, 0.3078,
0.4331


396.7974, 0.3119,
0.3793


 37.4937, 0.3062,
0.4470


 94.0342, 0.3097,
0.4132

 25.5900, 0.3039,
0.4651


 121.1055, 0.3103,
0.4058

 16.5171, 0.3001,
0.4894


 152.9297, 0.3107,
0.3996

 9.8908, 0.2937,
0.5237

189.8911, 0.3111,
0.3943

 5.3266, 0.2817,
0.5750

232.3742, 0.3114,
0.3898

 2.4402, 0.2736,
0.7021

280.7634, 0.3116,

 0.8464, 0.0000,

0.3858

1.0000

335.4430, 0.3118,
0.3823

0.0000, 0.0000,
0.0000

52.6127, 0.3078,
0.4331

52.6127, 0.3078,
0.4331

50.4958, 0.3061,
0.4687

55.1909, 0.3094,
0.3994

48.8070, 0.3045,
0.5043

58.2484, 0.3108,
0.3686

47.5189, 0.3029,
0.5374

61.8100, 0.3121,
0.3413

46.5986, 0.3016,
0.5652

65.8971, 0.3133,
0.3174

46.0075, 0.3007,
0.5852

70.5299, 0.3142,
0.2968

■ 45.6988, 0.3002,
0.5965

■ 74.0873, 0.3148,
0.2841

■ 45.6076, 0.3000,
0.6000

Harmonies

Analogous

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



52.6127, 0.3692, 0.4443



52.6127, 0.3078, 0.4331



52.6127, 0.2509, 0.3823

Triad

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



52.6127, 0.3078, 0.4331



52.6127, 0.2131, 0.2356



52.6127, 0.4228, 0.3263

Complementary

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



52.6127, 0.3078, 0.4331



35.7533, 0.3168, 0.2431

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.



52.6127, 0.3722, 0.2816



52.6127, 0.3078, 0.4331



52.6127, 0.2501, 0.2313

Square

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



52.6127, 0.3078, 0.4331



52.6127, 0.2002, 0.2639



52.6127, 0.3072, 0.2480



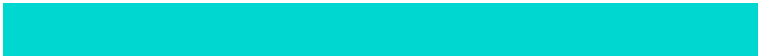
52.6127, 0.4394, 0.3749

Rectangle

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



52.6127, 0.3078, 0.4331



52.6127, 0.2229, 0.3381



52.6127, 0.3072, 0.2480



52.6127, 0.4090, 0.3106

Sweetspot

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



52.6149, 0.3078, 0.4331



93.9464, 0.3115, 0.3549



60.9407, 0.3650, 0.4154



19.9406, 0.3113, 0.3589



0.0000, 0.0000, 0.0000



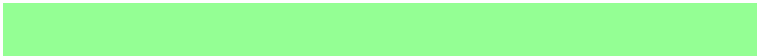
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6149, 0.3078, 0.4331



79.9437, 0.3065, 0.4598



53.8345, 0.2852, 0.3796



13.2064, 0.3116, 0.3530



28.1164, 0.3000, 0.6000



1.5721, 0.2999, 0.5998

Inverse Universe

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



35.7533, 0.3168, 0.2431



49.6240, 0.3176, 0.2256



34.1486, 0.3539, 0.2837



12.0089, 0.3138, 0.3061



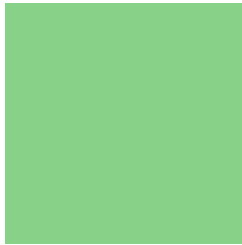
11.1921, 0.3211, 0.1542



0.6258, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 52.6127, 0.3078, 0.4331 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 52.6127, 0.3078, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

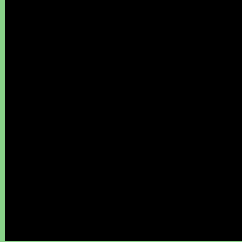
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6127, 0.3078, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 52.6127, 0.3078, 0.4331.



This preview shows how white text looks on a background with the Yxy color 52.6127, 0.3078, 0.4331.

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

52.6127, 0.3078, 0.4331

Protanopia

52.0855, 0.3762, 0.4060

Deuteranopia

51.8275, 0.3845, 0.3769



Tritanopia

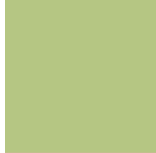
52.3325, 0.2677, 0.3082

Trichromacy



Original Color

52.6127, 0.3078, 0.4331



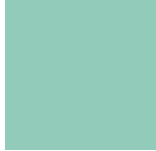
Protanomaly

51.8506, 0.3485, 0.4168



Deuteranomaly

50.9302, 0.3540, 0.3956



Tritanomaly

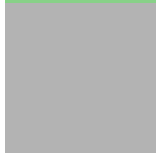
52.3680, 0.2828, 0.3520

Monochromacy



Original Color

52.6127, 0.3078, 0.4331



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.2578, 0.3110, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6127, 0.3078, 0.4331 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(136, 209, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 136)  
}
```

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(136, 209, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 136) }
```

Border

The CSS property to change the border of an element to Yxy 52.6127, 0.3078, 0.4331 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(136, 209, 136) }
```

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

```
.border{ border-color:rgb(136, 209, 136) }
```

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

Here you see how a box with a 4 pixel rgb(136, 209, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6127, 0.3078, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 136) }
```

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

```
.background{ background-color: rgb(136,  
209, 136) }
```

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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