

Converting Colors

Yxy(52.1941, 0.2882, 0.4143)

Have a look what the booklet for
Yxy(52.1941, 0.2882, 0.4143)
contains.

Yxy(52.3206, 0.2884, 0.4147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3206, 0.2884, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	78D297
RGB	120, 210, 151
RGB Percent	47%, 82%, 59%
CMY	0.5291, 0.1765, 0.4078
CMYK	0.43, 0.00, 0.28, 0.18
HSL	141°, 50%, 65%
HSV	141°, 43%, 82%
XYZ	36.3860, 52.3206, 37.4584
YIQ	176.3640, -34.7010, -37.4290

Conversions

Conversions Part 2

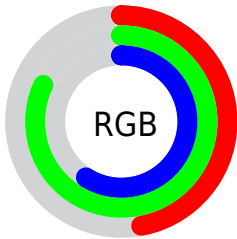
Format	Color
RYB	120, 187, 210
Decimal	7918231
CIELab	77.47, -39.85, 21.02
CIELCh	77, 45.050, 152.187
Yxy	52.3206, 0.2884, 0.4147
Android (android.graphics.Color)	4286108311 (0xFF78D297)
YUV	176.3640, -12.5045, -49.4312
Hunter-Lab	72.3330, -36.7911, 19.9292

Details

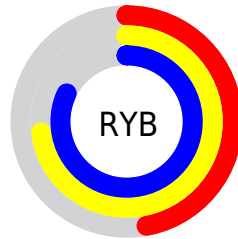
The Yxy color **52.3206, 0.2884, 0.4147** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.4099, 0.3506, 0.2572**, and the grayscale version is **43.7062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1579, 0.2932, 0.3860**, and **25.4528, 0.2796, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **50.5594, 0.2844, 0.4394**, and if you desaturate by 10%, it is **54.4678, 0.2933, 0.3915**.

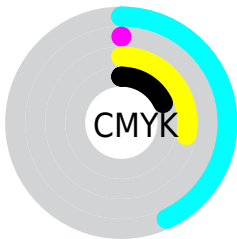
Distribution



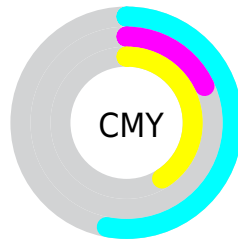
- Red (47%)
- Green (82%)
- Blue (59%)



- Red (47%)
- Yellow (73%)
- Blue (82%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)




- Cyan (53%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3206, 0.2884, 0.4147 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 52.3206, 0.2884, 0.4147 by changing the saturation by 10% instead.


 52.3206, 0.2884,
0.4147


 52.3206, 0.2884,
0.4147

395.6731, 0.3015,
0.3704

 37.2607, 0.2848,
0.4262


 93.6039, 0.2934,
0.3983

 25.4094, 0.2801,
0.4412


 120.5960, 0.2952,
0.3922

 16.3823, 0.2735,
0.4615


 152.3344, 0.2967,
0.3871

 9.7951, 0.2638,
0.4905

189.2034, 0.2979,
0.3828

 5.2633, 0.2481,
0.5349

231.5873, 0.2990,
0.3790

 2.4026, 0.2218,
0.6152

279.8706, 0.2999,

 0.8272, 0.0000,

0.3758

1.0000

334.4378, 0.3008,
0.3729

0.0000, 0.0000,
0.0000

52.3206, 0.2884,
0.4147

52.3206, 0.2884,
0.4147

50.5594, 0.2844,
0.4394

54.4678, 0.2933,
0.3915

49.1540, 0.2818,
0.4648

57.0159, 0.2989,
0.3701

48.0805, 0.2807,
0.4901

59.9869, 0.3049,
0.3508


47.3087, 0.2813,
0.5142

63.3994, 0.3110,
0.3335

46.8029, 0.2837,
0.5361

67.2707, 0.3171,
0.3182

 46.5604, 0.2861,
0.5500

 71.6173, 0.3230,
0.3049

 74.0925, 0.3199,
0.2921

 74.5697, 0.3148,
0.2851

Harmonies

Analogous

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



52.3206, 0.3475, 0.4396



52.3206, 0.2884, 0.4147



52.3206, 0.2387, 0.3584

Triad

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



52.3206, 0.2884, 0.4147



52.3206, 0.2269, 0.2357



52.3206, 0.4272, 0.3427

Complementary

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



52.3206, 0.2884, 0.4147



30.4099, 0.3506, 0.2572

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.



52.3206, 0.3886, 0.2976



52.3206, 0.2884, 0.4147



52.3206, 0.2699, 0.2387

Square

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



52.3206, 0.2884, 0.4147



52.3206, 0.2064, 0.2550



52.3206, 0.3290, 0.2608



52.3206, 0.4305, 0.3889

Rectangle

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



52.3206, 0.2884, 0.4147



52.3206, 0.2170, 0.3168



52.3206, 0.3290, 0.2608



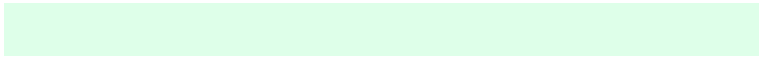
52.3206, 0.4179, 0.3272

Sweetspot

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



52.3228, 0.2884, 0.4147



92.9234, 0.3047, 0.3514



57.1536, 0.3513, 0.4435



19.6578, 0.3033, 0.3555



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.



52.3228, 0.2884, 0.4147



78.7662, 0.2849, 0.4362



54.0289, 0.2630, 0.3495



13.2724, 0.3070, 0.3446



28.4204, 0.2854, 0.5473



1.6039, 0.2748, 0.5092

Inverse Universe

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



30.4099, 0.3506, 0.2572



40.5815, 0.3615, 0.2435



28.9035, 0.4046, 0.3104



11.9371, 0.3190, 0.3139



9.4928, 0.4306, 0.2146



0.5454, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 52.3206, 0.2884, 0.4147 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 52.3206, 0.2884, 0.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

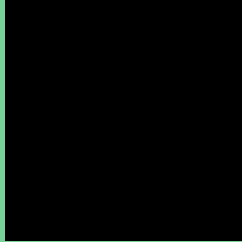
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3206, 0.2884, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 52.3206, 0.2884, 0.4147.



This preview shows how white text looks on a background with the Yxy color 52.3206, 0.2884, 0.4147.

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

52.3206, 0.2884, 0.4147

Protanopia

51.6173, 0.3629, 0.3886

Deuteranopia

51.5169, 0.3671, 0.3599



Tritanopia

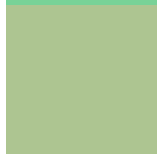
51.9861, 0.2567, 0.3065

Trichromacy



Original Color

52.3206, 0.2884, 0.4147



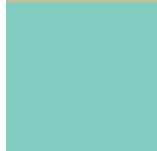
Protanomaly

50.8611, 0.3317, 0.3988



Deuteranomaly

50.6968, 0.3343, 0.3787



Tritanomaly

51.8266, 0.2680, 0.3426

Monochromacy



Original Color

52.3206, 0.2884, 0.4147



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.8244, 0.3024, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3206, 0.2884, 0.4147 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(120, 210, 151)` looks like.

```
.text, #text, p{  
    color:rgb(120, 210, 151)  
}
```

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(120, 210, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 210, 151) }
```

Border

The CSS property to change the border of an element to Yxy 52.3206, 0.2884, 0.4147 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(120, 210, 151) }
```

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

```
.border{ border-color:rgb(120, 210, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 210, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 210, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 210, 151);  
box-shadow:4px 4px 4px 4px rgb(120, 210,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3206, 0.2884, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 210, 151) }
```

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

```
.background{ background-color: rgb(120,  
210, 151) }
```

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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