

Converting Colors

$Yxy(60.7324, 0.2919, 0.4013)$

Have a look what the booklet for
Yxy(60.7324, 0.2919, 0.4013)
contains.

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Color

Yxy(60.7324, 0.2919, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	8DDEA8
RGB	141, 222, 168
RGB Percent	55%, 87%, 66%
CMY	0.4469, 0.1294, 0.3412
CMYK	0.36, 0.00, 0.24, 0.13
HSL	140°, 55%, 71%
HSV	140°, 36%, 87%
XYZ	44.1759, 60.7324, 46.4309
YIQ	191.6250, -30.9420, -33.9660

Conversions

Conversions Part 2

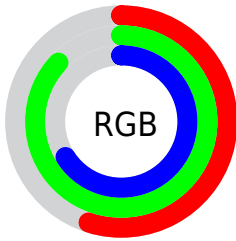
Format	Color
RYB	141, 202, 222
Decimal	9297576
CIELab	82.23, -36.12, 18.83
CIElCh	82, 40.736, 152.464
Yxy	60.7324, 0.2919, 0.4013
Android (android.graphics.Color)	4287487656 (0xFF8DDEA8)
YUV	191.6250, -11.6471, -44.3981
Hunter-Lab	77.9310, -35.1949, 19.2270

Details

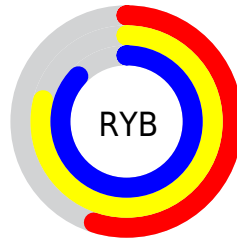
The Yxy color **60.7324, 0.2919, 0.4013** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.5308, 0.3426, 0.2666**, and the grayscale version is **52.5690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7180, 0.2956, 0.3637**, and **30.5596, 0.2854, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **58.4586, 0.2874, 0.4256**, and if you desaturate by 10%, it is **63.4642, 0.2972, 0.3787**.

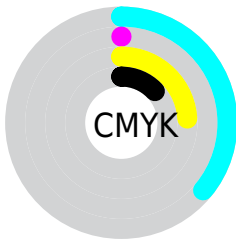
Distribution



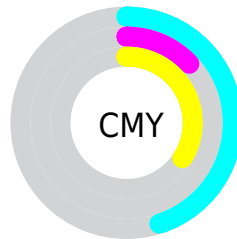
- Red (55%)
- Green (87%)
- Blue (66%)



- Red (55%)
- Yellow (79%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (45%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7324, 0.2919, 0.4013 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 60.7324, 0.2919, 0.4013 by changing the saturation by 10% instead.

 60.7324, 0.2919,
0.4013


 60.7324, 0.2919,
0.4013


427.2921, 0.3027,
0.3651

 44.0092, 0.2891,
0.4103


 105.8914, 0.2959,
0.3881

 30.6778, 0.2855,
0.4219


 135.0960, 0.2974,
0.3832

 20.3536, 0.2805,
0.4373


169.2299, 0.2986,
0.3790

 12.6523, 0.2735,
0.4587

208.6774, 0.2997,
0.3754

 7.1896, 0.2628,
0.4902

253.8230, 0.3006,
0.3723

 3.5809, 0.2447,
0.5407

305.0511, 0.3014,

 1.4420, 0.2022,

0.3696

0.7189

362.7460, 0.3021,
0.3672

■ 0.2474, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7324, 0.2919,
0.4013

■ 60.7324, 0.2919,
0.4013

■ 58.4586, 0.2874,
0.4256

■ 63.4642, 0.2972,
0.3787

■ 56.6096, 0.2839,
0.4512


■ 66.6699, 0.3029,
0.3582


■ 55.1599, 0.2819,
0.4772


■ 70.3738, 0.3088,
0.3398


■ 54.0778, 0.2815,
0.5025

■ 74.5965, 0.3148,
0.3235

 53.3264, 0.2829,
0.5261

 79.3571, 0.3207,
0.3092

 52.8598, 0.2859,
0.5469

 80.7230, 0.3142,
0.2970

 52.7360, 0.2871,
0.5534

Harmonies

Analogous

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



60.7324, 0.3432, 0.4234



60.7324, 0.2919, 0.4013



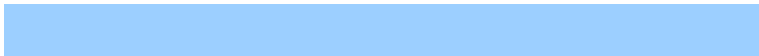
60.7324, 0.2485, 0.3540

Triad

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



60.7324, 0.2919, 0.4013



60.7324, 0.2382, 0.2475



60.7324, 0.4113, 0.3424

Complementary

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



60.7324, 0.2919, 0.4013



38.5308, 0.3426, 0.2666

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.



60.7324, 0.3785, 0.3024



60.7324, 0.2919, 0.4013



60.7324, 0.2763, 0.2500

Square

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



60.7324, 0.2919, 0.4013



60.7324, 0.2197, 0.2650



60.7324, 0.3276, 0.2696



60.7324, 0.4144, 0.3827

Rectangle

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



60.7324, 0.2919, 0.4013



60.7324, 0.2292, 0.3188



60.7324, 0.3276, 0.2696



60.7324, 0.4033, 0.3287

Sweetspot

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



60.7349, 0.2919, 0.4013



93.9156, 0.3061, 0.3480



65.9511, 0.3474, 0.4259



19.9541, 0.3053, 0.3505



0.0000, 0.0000, 0.0000



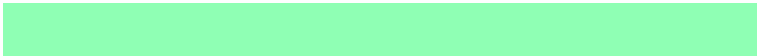
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7349, 0.2919, 0.4013



80.6431, 0.2883, 0.4203



62.4210, 0.2697, 0.3479



15.4121, 0.3071, 0.3450



31.3424, 0.2863, 0.5508



2.1887, 0.2776, 0.5193

Inverse Universe

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



38.5308, 0.3426, 0.2666



45.8887, 0.3514, 0.2534



36.9845, 0.3843, 0.3114



13.8540, 0.3188, 0.3135



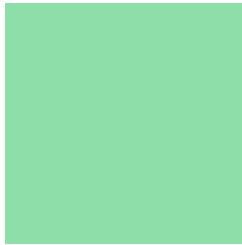
10.5176, 0.4267, 0.2124



0.7454, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 60.7324, 0.2919, 0.4013 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 60.7324, 0.2919, 0.4013 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 60.7324, 0.2919, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 60.7324, 0.2919, 0.4013.

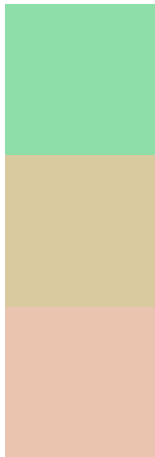


This preview shows how white text looks on a background with the Yxy color 60.7324, 0.2919, 0.4013.

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

60.7324, 0.2919, 0.4013

Protanopia

59.9668, 0.3568, 0.3805

Deuteranopia

60.0283, 0.3612, 0.3536



Tritanopia

60.7327, 0.2628, 0.3081

Trichromacy



Original Color

60.7324, 0.2919, 0.4013



Protanomaly

59.5206, 0.3302, 0.3888



Deuteranomaly

58.9206, 0.3326, 0.3691



Tritanomaly

60.5693, 0.2730, 0.3403

Monochromacy



Original Color

60.7324, 0.2919, 0.4013



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.0150, 0.3039, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7324, 0.2919, 0.4013 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(141, 222, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 222, 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(141, 222, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 222, 168) }
```

Border

The CSS property to change the border of an element to Yxy 60.7324, 0.2919, 0.4013 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(141, 222, 168) }
```

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

```
.border{ border-color:rgb(141, 222, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 222, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 222, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 222, 168);  
box-shadow:4px 4px 4px 4px rgb(141, 222,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7324, 0.2919, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 222, 168) }
```

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

```
.background{ background-color: rgb(141,  
222, 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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