

Converting Colors

Yxy(64.6952, 0.3048, 0.4256)

Have a look what the booklet for
Yxy(64.6952, 0.3048, 0.4256)
contains.

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Color

Yxy(64.7947, 0.3044, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	95E59B
RGB	149, 229, 155
RGB Percent	58%, 90%, 61%
CMY	0.4157, 0.1020, 0.3921
CMYK	0.35, 0.00, 0.32, 0.10
HSL	125°, 61%, 74%
HSV	125°, 35%, 90%
XYZ	46.3319, 64.7947, 41.0808
YIQ	196.6440, -23.9260, -39.9740

Conversions

Conversions Part 2

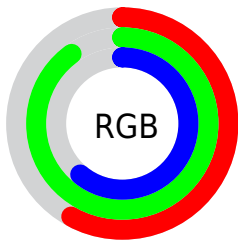
Format	Color
RYB	149, 223, 229
Decimal	9823643
CIELab	84.38, -39.16, 28.55
CIElCh	84, 48.459, 143.907
Yxy	64.7947, 0.3044, 0.4257
Android (android.graphics.Color)	4288013723 (0xFF95E59B)
YUV	196.6440, -20.5305, -41.7838
Hunter-Lab	80.4952, -38.1243, 26.0879

Details

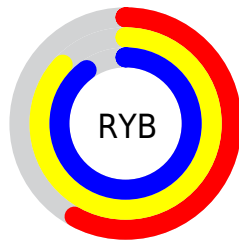
The Yxy color **64.7947, 0.3044, 0.4257** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.4834, 0.3220, 0.2483**, and the grayscale version is **55.7488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1523, 0.3074, 0.3776**, and **33.2993, 0.3008, 0.4530** is the 20% darker color. If you saturate the color by 10%, you get **62.2005, 0.3021, 0.4591**, and if you desaturate by 10%, it is **67.9427, 0.3068, 0.3943**.

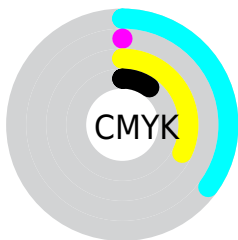
Distribution



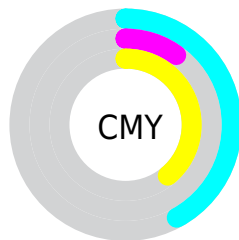
- Red (58%)
- Green (90%)
- Blue (61%)



- Red (58%)
- Yellow (87%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (42%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7947, 0.3044, 0.4257 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 64.7947, 0.3044, 0.4257 by changing the saturation by 10% instead.


 64.7947, 0.3044,
0.4257


 64.7947, 0.3044,
0.4257


442.0538, 0.3098,
0.3774

 47.2946, 0.3027,
0.4376


 111.7546, 0.3066,
0.4082

 33.2686, 0.3003,
0.4528


 141.9833, 0.3074,
0.4016

 22.3323, 0.2969,
0.4729


177.2236, 0.3080,
0.3961

 14.1013, 0.2915,
0.5002

217.8600, 0.3085,
0.3913

 8.1911, 0.2825,
0.5397

264.2768, 0.3089,
0.3871

 4.2175, 0.2656,
0.6003

316.8585, 0.3092,

 1.7960, 0.2367,

0.3835

0.7633

375.9893, 0.3095,
0.3803

0.4847, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.7947, 0.3044,
0.4257

64.7947, 0.3044,
0.4257

62.2005, 0.3021,
0.4591

67.9427, 0.3068,
0.3943

60.1204, 0.3002,
0.4931

71.6652, 0.3092,
0.3657

58.5224, 0.2988,
0.5257

75.9918, 0.3116,
0.3403

57.3678, 0.2980,
0.5543

80.9478, 0.3138,
0.3181

■ 56.6115, 0.2980,
0.5767

■ 84.5200, 0.3139,
0.3039

■ 56.1989, 0.2986,
0.5914

■ 56.0811, 0.2989,
0.5961

Harmonies

Analogous

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



64.7947, 0.3634, 0.4395



64.7947, 0.3044, 0.4257



64.7947, 0.2506, 0.3757

Triad

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



64.7947, 0.3044, 0.4257



64.7947, 0.2187, 0.2386



64.7947, 0.4200, 0.3298

Complementary

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



64.7947, 0.3044, 0.4257



43.4834, 0.3220, 0.2483

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.



64.7947, 0.3735, 0.2862



64.7947, 0.3044, 0.4257



64.7947, 0.2559, 0.2357

Square

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



64.7947, 0.3044, 0.4257



64.7947, 0.2048, 0.2644



64.7947, 0.3117, 0.2529



64.7947, 0.4335, 0.3766

Rectangle

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



64.7947, 0.3044, 0.4257



64.7947, 0.2246, 0.3337



64.7947, 0.3117, 0.2529



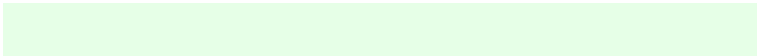
64.7947, 0.4075, 0.3146

Sweetspot

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



64.7974, 0.3044, 0.4257



94.0534, 0.3104, 0.3530



74.0048, 0.3612, 0.4171



19.9662, 0.3101, 0.3566



0.0000, 0.0000, 0.0000



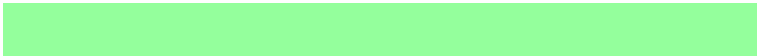
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7974, 0.3044, 0.4257



80.2049, 0.3027, 0.4500



66.3406, 0.2821, 0.3728



16.1066, 0.3106, 0.3514



32.0702, 0.2986, 0.5950



2.3760, 0.2949, 0.5815

Inverse Universe

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



43.4834, 0.3220, 0.2483



49.1212, 0.3243, 0.2322



41.6029, 0.3595, 0.2894



14.5956, 0.3149, 0.3076



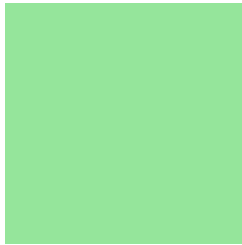
12.2443, 0.3407, 0.1650



0.9104, 0.3375, 0.1633

Previews

White Background



This preview shows how the Yxy color 64.7947, 0.3044, 0.4257 looks on a white background.

Color Contrast Check

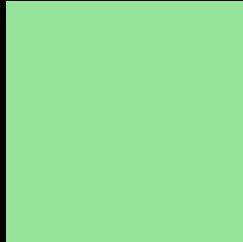
Large Text (above 18pt) WCAG AA × Fail

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 64.7947, 0.3044, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

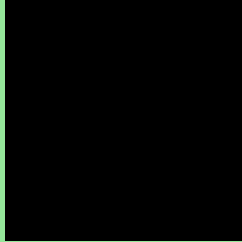
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7947, 0.3044, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 64.7947, 0.3044, 0.4257.



This preview shows how white text looks on a background with the Yxy color 64.7947, 0.3044, 0.4257.

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

64.7947, 0.3044, 0.4257

Protanopia

63.8763, 0.3712, 0.3990

Deuteranopia

63.9393, 0.3801, 0.3720



Tritanopia

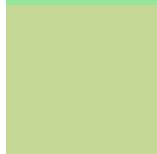
64.7185, 0.2671, 0.3088

Trichromacy



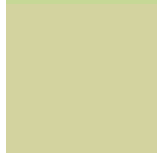
Original Color

64.7947, 0.3044, 0.4257



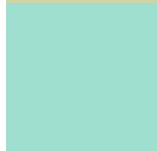
Protanomaly

63.3195, 0.3443, 0.4087



Deuteranomaly

62.9406, 0.3497, 0.3901



Tritanomaly

64.6513, 0.2802, 0.3488

Monochromacy



Original Color

64.7947, 0.3044, 0.4257



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.6816, 0.3096, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7947, 0.3044, 0.4257 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(149, 229, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 229, 155)  
}
```

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(149, 229, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 229, 155) }
```

Border

The CSS property to change the border of an element to Yxy 64.7947, 0.3044, 0.4257 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(149, 229, 155) }
```

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

```
.border{ border-color:rgb(149, 229, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 229, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 229, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 229, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 229,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7947, 0.3044, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 229, 155) }
```

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

```
.background{ background-color: rgb(149,  
229, 155) }
```

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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