

Converting Colors

$Yxy(68.9170, 0.2857, 0.4403)$

Have a look what the booklet for
Yxy(68.9170, 0.2857, 0.4403)
contains.

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Color

Yxy(69.0579, 0.2856, 0.4408)

Conversions

Conversions Part 1

Format	Color
Hex	74F19D
RGB	116, 241, 157
RGB Percent	45%, 95%, 62%
CMY	0.5451, 0.0549, 0.3844
CMYK	0.52, 0.00, 0.35, 0.05
HSL	140°, 82%, 70%
HSV	140°, 52%, 95%
XYZ	44.7435, 69.0579, 42.8635
YIQ	194.0490, -47.5360, -52.6240

Conversions

Conversions Part 2

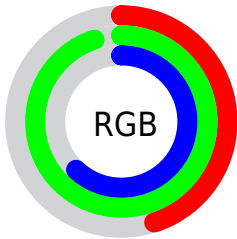
Format	Color
RYB	116, 210, 241
Decimal	7664029
CIELab	86.53, -53.00, 30.20
CIElCh	87, 60.997, 150.322
Yxy	69.0579, 0.2856, 0.4408
Android (android.graphics.Color)	4285854109 (0xFF74F19D)
YUV	194.0490, -18.2652, -68.4490
Hunter-Lab	83.1011, -49.3185, 27.5890

Details

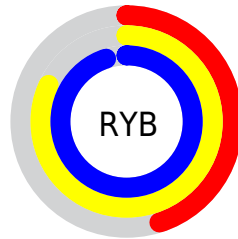
The Yxy color **69.0579, 0.2856, 0.4408** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **35.3661, 0.3602, 0.2406**, and the grayscale version is **54.1127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3874, 0.2890, 0.3778**, and **36.0310, 0.2765, 0.4720** is the 20% darker color. If you saturate the color by 10%, you get **67.1006, 0.2829, 0.4670**, and if you desaturate by 10%, it is **71.5226, 0.2895, 0.4154**.

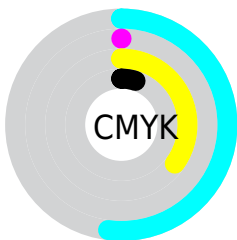
Distribution



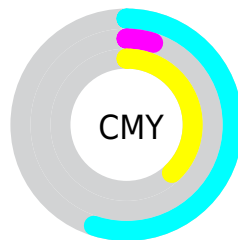
- Red (45%)
- Green (95%)
- Blue (62%)



- Red (45%)
- Yellow (82%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (5%)




- Cyan (55%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0579, 0.2856, 0.4408 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 69.0579, 0.2856, 0.4408 by changing the saturation by 10% instead.


 69.0579, 0.2856,
0.4408


 69.0579, 0.2856,
0.4408

457.2352, 0.3002,
0.3850


 50.7589, 0.2817,
0.4546

 117.8643, 0.2911,
0.4206

 36.0167, 0.2766,
0.4721


 149.1404, 0.2931,
0.4130

 24.4471, 0.2696,
0.4952


 185.5110, 0.2948,
0.4065

 15.6656, 0.2595,
0.5266

227.3605, 0.2962,
0.4010

 9.2879, 0.2441,
0.5716

275.0733, 0.2974,
0.3962

 4.9294, 0.2185,
0.6398

329.0337, 0.2985,

 2.2059, 0.1682,

0.3920

0.8318

389.6262, 0.2994,
0.3883

0.7232, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

69.0579, 0.2856,
0.4408

69.0579, 0.2856,
0.4408

67.1006, 0.2829,
0.4670

71.5226, 0.2895,
0.4154

65.6054, 0.2818,
0.4931

74.5191, 0.2944,
0.3915

64.5332, 0.2825,
0.5178

78.0803, 0.2999,
0.3695

63.8338, 0.2849,
0.5399

82.2339, 0.3057,
0.3497

 63.4777, 0.2876,
0.5555

 87.0060, 0.3116,
0.3321

 91.3406, 0.3138,
0.3164

 91.3930, 0.3133,
0.3156

Harmonies

Analogous

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



69.0579, 0.3572, 0.4668



69.0579, 0.2856, 0.4408



69.0579, 0.2251, 0.3698

Triad

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



69.0579, 0.2856, 0.4408



69.0579, 0.2070, 0.2173



69.0579, 0.4523, 0.3395

Complementary

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



69.0579, 0.2856, 0.4408



35.3661, 0.3602, 0.2406

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.



69.0579, 0.4021, 0.2871



69.0579, 0.2856, 0.4408



69.0579, 0.2560, 0.2201

Square

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



69.0579, 0.2856, 0.4408



69.0579, 0.1848, 0.2404



69.0579, 0.3270, 0.2449



69.0579, 0.4576, 0.3948

Rectangle

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



69.0579, 0.2856, 0.4408



69.0579, 0.1987, 0.3168



69.0579, 0.3270, 0.2449



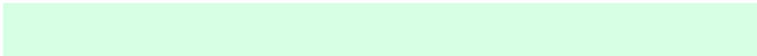
69.0579, 0.4401, 0.3214

Sweetspot

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



69.0607, 0.2856, 0.4408



91.4242, 0.3032, 0.3577



76.6505, 0.3593, 0.4683



19.3606, 0.3020, 0.3618



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.



69.0607, 0.2856, 0.4408



76.2173, 0.2829, 0.4679



71.6934, 0.2559, 0.3575



17.7418, 0.3071, 0.3453



34.4433, 0.2868, 0.5526



2.8830, 0.2795, 0.5262

Inverse Universe

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



35.3661, 0.3602, 0.2406



34.1107, 0.3738, 0.2264



33.0567, 0.4347, 0.3046



15.9381, 0.3188, 0.3133



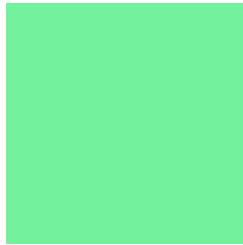
11.5813, 0.4252, 0.2116



0.9817, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 69.0579, 0.2856, 0.4408 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 69.0579, 0.2856, 0.4408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

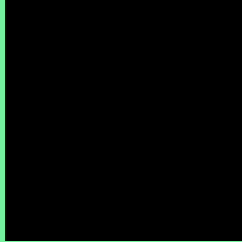
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0579, 0.2856, 0.4408

Background



This preview shows how black text looks on a background with the Yxy color 69.0579, 0.2856, 0.4408.

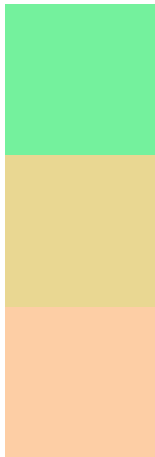


This preview shows how white text looks on a background with the Yxy color 69.0579, 0.2856, 0.4408.

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

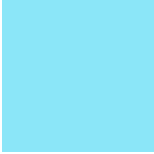
69.0579, 0.2856, 0.4408

Protanopia

67.9998, 0.3754, 0.4046

Deuteranopia

67.7419, 0.3809, 0.3719



Tritanopia

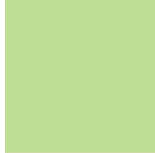
68.8599, 0.2496, 0.3075

Trichromacy



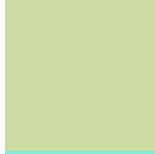
Original Color

69.0579, 0.2856, 0.4408



Protanomaly

66.4605, 0.3364, 0.4187



Deuteranomaly

65.9682, 0.3395, 0.3965



Tritanomaly

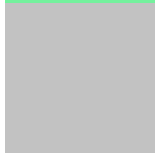
68.5772, 0.2625, 0.3527

Monochromacy



Original Color

69.0579, 0.2856, 0.4408



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

58.0317, 0.3001, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0579, 0.2856, 0.4408 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(116, 241, 157)` looks like.

```
.text, #text, p{  
    color:rgb(116, 241, 157)  
}
```

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(116, 241, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 241, 157) }
```

Border

The CSS property to change the border of an element to Yxy 69.0579, 0.2856, 0.4408 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(116, 241, 157) }
```

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

```
.border{ border-color:rgb(116, 241, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 241, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 241, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 241, 157); box-shadow:4px 4px 4px 4px rgb(116, 241, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0579, 0.2856, 0.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 241, 157) }
```

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

```
.background{ background-color: rgb(116,  
241, 157) }
```

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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