

Converting Colors

$Yxy(69.1517, 0.2824, 0.4313)$

Have a look what the booklet for
Yxy(69.1517, 0.2824, 0.4313)
contains.

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Color

Yxy(69.3039, 0.2821, 0.4311)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 74F1A4 |
| RGB | 116, 241, 164 |
| RGB Percent | 45%, 95%, 64% |
| CMY | 0.5454, 0.0548, 0.3569 |
| CMYK | 0.52, 0.00, 0.32, 0.05 |
| HSL | 143°, 82%, 70% |
| HSV | 143°, 52%, 95% |
| XYZ | 45.3506, 69.3039, 46.1061 |
| YIQ | 194.8470, -49.7830, -50.4470 |

Conversions

Conversions Part 2

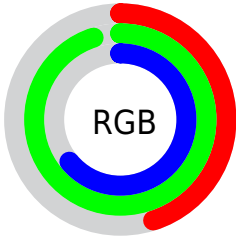
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 116, 206, 241 |
| Decimal | 7664036 |
| CIE Lab | 86.65, -51.77, 26.80 |
| CIE LCh | 87, 58.296, 152.626 |
| Yxy | 69.3039, 0.2821, 0.4311 |
| Android (android.graphics.Color) | 4285854116 (0xFF74F1A4) |
| YUV | 194.8470, -15.2076, -69.1488 |
| Hunter-Lab | 83.2490, -48.4463, 25.4374 |

Details

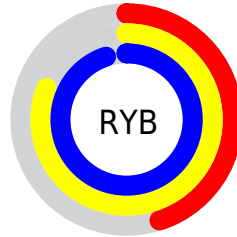
The Yxy color **69.3039, 0.2821, 0.4311** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **35.0243, 0.3682, 0.2474**, and the grayscale version is **54.5820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7484, 0.2854, 0.3695**, and **36.1809, 0.2725, 0.4589** is the 20% darker color. If you saturate the color by 10%, you get **67.3599, 0.2790, 0.4552**, and if you desaturate by 10%, it is **71.7444, 0.2865, 0.4079**.

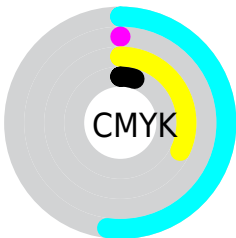
Distribution



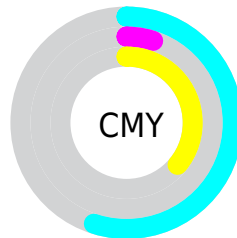
- Red (45%)
- Green (95%)
- Blue (64%)



- Red (45%)
- Yellow (81%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (32%)
- Black (5%)





- Cyan (55%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3039, 0.2821, 0.4311 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 69.3039, 0.2821, 0.4311 by changing the saturation by 10% instead.

 69.3039, 0.2821,
0.4311


 69.3039, 0.2821,
0.4311

458.1021, 0.2980,
0.3803


 50.9592, 0.2780,
0.4436


 118.2155, 0.2880,
0.4128

 36.1762, 0.2727,
0.4595


 149.5513, 0.2902,
0.4058

 24.5703, 0.2655,
0.4804


 185.9862, 0.2920,
0.4000

 15.7572, 0.2555,
0.5090


227.9047, 0.2935,
0.3949

 9.3525, 0.2404,
0.5500

275.6911, 0.2949,
0.3905

 4.9718, 0.2160,
0.6128


329.7299, 0.2961,

 2.2307, 0.1713,


0.3867


0.7819


390.4054, 0.2971,
0.3833

 0.7367, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 69.3039, 0.2821,
0.4311

 69.3039, 0.2821,
0.4311


 67.3599, 0.2790,
0.4552


 71.7444, 0.2865,
0.4079


 65.8678, 0.2777,
0.4794


 74.7052, 0.2920,
0.3861


 64.7892, 0.2782,
0.5028

 78.2186, 0.2981,
0.3661

 64.0749, 0.2805,
0.5245

 82.3117, 0.3047,
0.3480

 63.7023, 0.2834,
0.5402

 87.0099, 0.3114,
0.3319

 91.2725, 0.3145,
0.3175

 91.3986, 0.3133,
0.3156

Harmonies

Analogous

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



69.3039, 0.3507, 0.4602



69.3039, 0.2821, 0.4311



69.3039, 0.2254, 0.3621

Triad

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



69.3039, 0.2821, 0.4311



69.3039, 0.2139, 0.2211



69.3039, 0.4480, 0.3438

Complementary

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



69.3039, 0.2821, 0.4311



35.0243, 0.3682, 0.2474

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.



69.3039, 0.4030, 0.2926



69.3039, 0.2821, 0.4311



69.3039, 0.2632, 0.2254

Square

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



69.3039, 0.2821, 0.4311



69.3039, 0.1904, 0.2416



69.3039, 0.3322, 0.2508



69.3039, 0.4500, 0.3969

Rectangle

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



69.3039, 0.2821, 0.4311



69.3039, 0.2012, 0.3123



69.3039, 0.3322, 0.2508



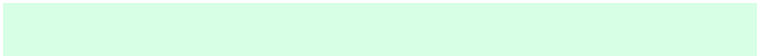
69.3039, 0.4374, 0.3261

Sweetspot

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



69.3067, 0.2821, 0.4311



91.5527, 0.3019, 0.3553



75.5236, 0.3533, 0.4713



19.3910, 0.3006, 0.3590



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.



69.3067, 0.2821, 0.4311



76.5128, 0.2790, 0.4559



72.1406, 0.2521, 0.3468



17.7569, 0.3063, 0.3439



34.5643, 0.2825, 0.5372



2.8943, 0.2752, 0.5107

Inverse Universe

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



35.0243, 0.3682, 0.2474



33.6968, 0.3845, 0.2344



32.8023, 0.4455, 0.3137



15.9225, 0.3197, 0.3146



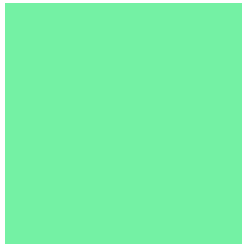
11.3342, 0.4476, 0.2239



0.9623, 0.4264, 0.2122

Previews

White Background



This preview shows how the Yxy color 69.3039, 0.2821, 0.4311 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 69.3039, 0.2821, 0.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

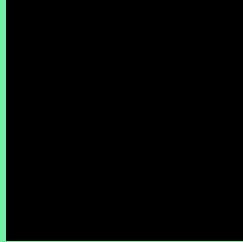
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3039, 0.2821, 0.4311

Background



This preview shows how black text looks on a background with the Yxy color 69.3039, 0.2821, 0.4311.



This preview shows how white text looks on a background with the Yxy color 69.3039, 0.2821, 0.4311.

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

69.3039, 0.2821, 0.4311

Protanopia

68.0566, 0.3697, 0.3972

Deuteranopia

68.1134, 0.3735, 0.3659



Tritanopia

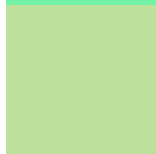
68.8365, 0.2487, 0.3064

Trichromacy



Original Color

69.3039, 0.2821, 0.4311



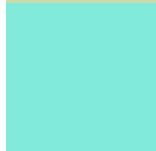
Protanomaly

66.6928, 0.3320, 0.4102



Deuteranomaly

66.0842, 0.3340, 0.3882



Tritanomaly

68.6534, 0.2606, 0.3488

Monochromacy



Original Color

69.3039, 0.2821, 0.4311



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

58.6546, 0.2982, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3039, 0.2821, 0.4311 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(116, 241, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 241, 164) }
```

Border

The CSS property to change the border of an element to Yxy 69.3039, 0.2821, 0.4311 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, 164) }
```

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

```
.border{ border-color:rgb(116, 241, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 241, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 241, 164); box-shadow:4px 4px 4px 4px rgb(116, 241, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3039, 0.2821, 0.4311 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, 164) }
```

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

```
.background{ background-color: rgb(116,  
241, 164) }
```

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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