

Converting Colors

Yxy(69.4430, 0.2891, 0.4535)

Have a look what the booklet for
Yxy(69.4430, 0.2891, 0.4535)
contains.

Yxy(69.3190, 0.2891, 0.4529)	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(69.3190, 0.2891, 0.4529)

Conversions

Conversions Part 1

Format	Color
Hex	73F295
RGB	115, 242, 149
RGB Percent	45%, 95%, 58%
CMY	0.5490, 0.0510, 0.4156
CMYK	0.52, 0.00, 0.38, 0.05
HSL	136°, 83%, 70%
HSV	136°, 52%, 95%
XYZ	44.2484, 69.3190, 39.4884
YIQ	193.4250, -45.8390, -55.8470

Conversions

Conversions Part 2

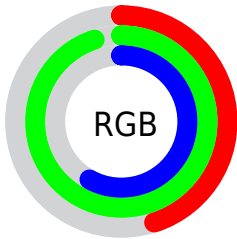
Format	Color
RYB	115, 215, 242
Decimal	7598741
CIELab	86.66, -54.99, 34.38
CIElCh	87, 64.852, 147.989
Yxy	69.3190, 0.2891, 0.4529
Android (android.graphics.Color)	4285788821 (0xFF73F295)
YUV	193.4250, -21.9015, -68.7787
Hunter-Lab	83.2580, -50.8357, 30.1600

Details

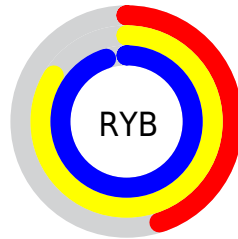
The Yxy color **69.3190, 0.2891, 0.4529** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **35.6937, 0.3526, 0.2325**, and the grayscale version is **53.7461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8783, 0.2926, 0.3874**, and **36.2391, 0.2804, 0.4880** is the 20% darker color. If you saturate the color by 10%, you get **67.3672, 0.2869, 0.4812**, and if you desaturate by 10%, it is **71.7931, 0.2925, 0.4251**.

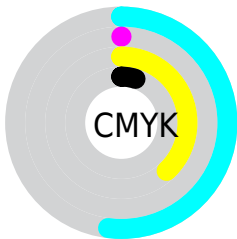
Distribution



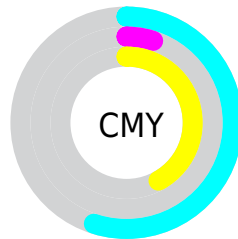
- Red (45%)
- Green (95%)
- Blue (58%)



- Red (45%)
- Yellow (84%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)





- Cyan (55%)
- Magenta (5%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3190, 0.2891, 0.4529 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 69.3190, 0.2891, 0.4529 by changing the saturation by 10% instead.


 69.3190, 0.2891,
0.4529

 69.3190, 0.2891,
0.4529


458.1553, 0.3025,
0.3909


 50.9715, 0.2853,
0.4682

 118.2371, 0.2943,
0.4304

 36.1860, 0.2803,
0.4877


 149.5765, 0.2961,
0.4220

 24.5779, 0.2733,
0.5132

 186.0154, 0.2977,
0.4148

 15.7628, 0.2630,
0.5479

227.9381, 0.2989,
0.4087

 9.3565, 0.2469,
0.5971

275.7290, 0.3000,
0.4033

 4.9744, 0.2197,
0.6710

329.7726, 0.3010,

 2.2323, 0.1554,

0.3986

0.8446

390.4532, 0.3018,
0.3945

0.7375, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

69.3190, 0.2891,
0.4529

69.3190, 0.2891,
0.4529

67.3672, 0.2869,
0.4812

71.7931, 0.2925,
0.4251

65.8909, 0.2861,
0.5088

74.8154, 0.2966,
0.3989

64.8490, 0.2869,
0.5342

78.4200, 0.3014,
0.3747

64.1889, 0.2892,
0.5560

82.6360, 0.3064,
0.3529

 63.8857, 0.2915,
0.5696

 87.4903, 0.3115,
0.3334

 91.9862, 0.3133,
0.3165

Harmonies

Analogous

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



69.3190, 0.3647, 0.4752



69.3190, 0.2891, 0.4529



69.3190, 0.2240, 0.3790

Triad

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



69.3190, 0.2891, 0.4529



69.3190, 0.1986, 0.2122



69.3190, 0.4583, 0.3347

Complementary

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



69.3190, 0.2891, 0.4529



35.6937, 0.3526, 0.2325

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.



69.3190, 0.4019, 0.2806



69.3190, 0.2891, 0.4529



69.3190, 0.2477, 0.2135

Square

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



69.3190, 0.2891, 0.4529



69.3190, 0.1777, 0.2382



69.3190, 0.3212, 0.2378



69.3190, 0.4672, 0.3927

Rectangle

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



69.3190, 0.2891, 0.4529



69.3190, 0.1949, 0.3218



69.3190, 0.3212, 0.2378



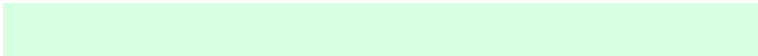
69.3190, 0.4442, 0.3159

Sweetspot

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



69.3219, 0.2891, 0.4529



91.2895, 0.3046, 0.3604



78.1738, 0.3643, 0.4676



19.3287, 0.3035, 0.3648



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.



69.3219, 0.2891, 0.4529



75.7352, 0.2868, 0.4832



71.9235, 0.2584, 0.3662



17.7259, 0.3079, 0.3468



34.3383, 0.2908, 0.5668



2.8726, 0.2837, 0.5414

Inverse Universe

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



35.6937, 0.3526, 0.2325



34.0799, 0.3639, 0.2170



33.1734, 0.4289, 0.2974



15.9549, 0.3179, 0.3119



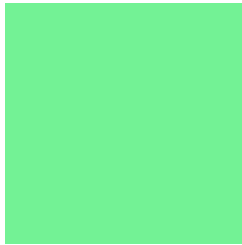
11.8741, 0.4027, 0.1992



1.0043, 0.3894, 0.1919

Previews

White Background



This preview shows how the Yxy color 69.3190, 0.2891, 0.4529 looks on a white background.

Color Contrast Check

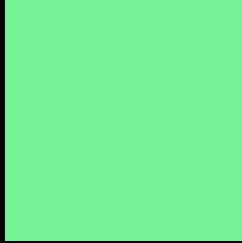
Large Text (above 18pt) WCAG AA × Fail

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 69.3190, 0.2891, 0.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

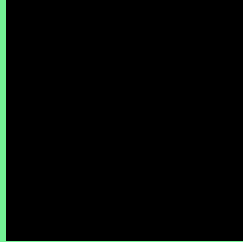
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3190, 0.2891, 0.4529

Background



This preview shows how black text looks on a background with the Yxy color 69.3190, 0.2891, 0.4529.



This preview shows how white text looks on a background with the Yxy color 69.3190, 0.2891, 0.4529.

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

69.3190, 0.2891, 0.4529

Protanopia

67.9283, 0.3817, 0.4127

Deuteranopia

67.8369, 0.3886, 0.3799



Tritanopia

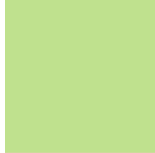
69.0086, 0.2496, 0.3064

Trichromacy



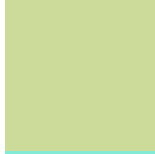
Original Color

69.3190, 0.2891, 0.4529



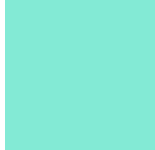
Protanomaly

66.8798, 0.3419, 0.4291



Deuteranomaly

65.8335, 0.3456, 0.4058



Tritanomaly

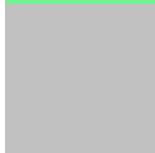
68.4750, 0.2635, 0.3552

Monochromacy



Original Color

69.3190, 0.2891, 0.4529



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

57.7622, 0.3020, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3190, 0.2891, 0.4529 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(115, 242, 149)` looks like.

```
.text, #text, p{  
    color:rgb(115, 242, 149)  
}
```

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(115, 242, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 242, 149) }
```

Border

The CSS property to change the border of an element to Yxy 69.3190, 0.2891, 0.4529 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(115, 242, 149) }
```

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

```
.border{ border-color:rgb(115, 242, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 242, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 242, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 242, 149);  
box-shadow:4px 4px 4px 4px rgb(115, 242,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3190, 0.2891, 0.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 242, 149) }
```

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

```
.background{ background-color: rgb(115,  
242, 149) }
```

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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