

Converting Colors

Yxy(61.1818, 0.3194, 0.5147)

Have a look what the booklet for
Yxy(61.1818, 0.3194, 0.5147)
contains.

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Color

Yxy(61.4139, 0.3193, 0.5151)

Conversions

Conversions Part 1

Format	Color
Hex	79E65B
RGB	121, 230, 91
RGB Percent	47%, 90%, 36%
CMY	0.5255, 0.0980, 0.6431
CMYK	0.47, 0.00, 0.60, 0.10
HSL	107°, 74%, 63%
HSV	107°, 60%, 90%
XYZ	38.0692, 61.4139, 19.7440
YIQ	181.5630, -20.3450, -66.3370

Conversions

Conversions Part 2

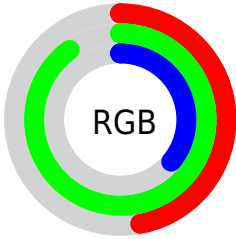
Format	Color
RYB	91, 230, 200
Decimal	7988827
CIELab	82.60, -56.44, 56.80
CIELCh	83, 80.071, 134.817
Yxy	61.4139, 0.3193, 0.5151
Android (android.graphics.Color)	4286178907 (0xFF79E65B)
YUV	181.5630, -44.6476, -53.1138
Hunter-Lab	78.3670, -50.4303, 39.9192

Details

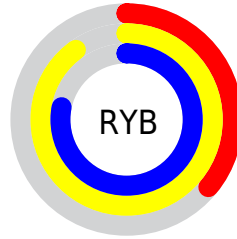
The Yxy color **61.4139, 0.3193, 0.5151** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **25.4767, 0.2888, 0.1758**, and the grayscale version is **46.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2676, 0.3268, 0.4558**, and **30.9324, 0.3123, 0.5670** is the 20% darker color. If you saturate the color by 10%, you get **59.8950, 0.3175, 0.5444**, and if you desaturate by 10%, it is **63.3033, 0.3200, 0.4824**.

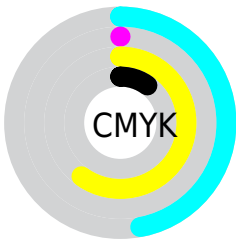
Distribution



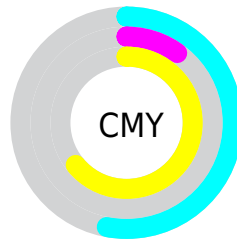
- Red (47%)
- Green (90%)
- Blue (36%)



- Red (36%)
- Yellow (90%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)





- Cyan (53%)
- Magenta (10%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4139, 0.3193, 0.5151 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 61.4139, 0.3193, 0.5151 by changing the saturation by 10% instead.


 61.4139, 0.3193,
0.5151

 61.4139, 0.3193,
0.5151


429.7900, 0.3221,
0.4205

 44.5593, 0.3166,
0.5382

 106.8780, 0.3218,
0.4809

 31.1104, 0.3120,
0.5670


 136.2563, 0.3223,
0.4680

 20.6830, 0.3040,
0.6037


 170.5779, 0.3225,
0.4570

 12.8925, 0.2897,
0.6508

 210.2273, 0.3226,
0.4476

 7.3545, 0.2704,
0.7296

255.5888, 0.3226,
0.4395

 3.6848, 0.2152,
0.7848

307.0468, 0.3224,

 1.4989, 0.0000,

0.4323

1.0000

364.9857, 0.3223,
0.4261

■ 0.2879, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4139, 0.3193,
0.5151

■ 61.4139, 0.3193,
0.5151

■ 59.8950, 0.3175,
0.5444

■ 63.3033, 0.3200,
0.4824

■ 58.7137, 0.3146,
0.5682


■ 65.5779, 0.3197,
0.4486


■ 57.8437, 0.3109,
0.5849


■ 68.2611, 0.3186,
0.4155


■ 57.2655, 0.3072,
0.5943

■ 71.3721, 0.3170,
0.3843

 74.9288, 0.3150,
0.3557

 78.9482, 0.3128,
0.3301

 83.4462, 0.3105,
0.3073

 85.0768, 0.3138,
0.3048

Harmonies

Analogous

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



61.4139, 0.4107, 0.5011



61.4139, 0.3193, 0.5151



61.4139, 0.2309, 0.4436

Triad

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



61.4139, 0.3193, 0.5151



61.4139, 0.1580, 0.1935



61.4139, 0.4742, 0.3020

Complementary

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



61.4139, 0.3193, 0.5151



25.4767, 0.2888, 0.1758

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.



61.4139, 0.3815, 0.2432



61.4139, 0.3193, 0.5151



61.4139, 0.2008, 0.1835

Square

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



61.4139, 0.3193, 0.5151



61.4139, 0.1475, 0.2386



61.4139, 0.2782, 0.2013



61.4139, 0.5111, 0.3691

Rectangle

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



61.4139, 0.3193, 0.5151



61.4139, 0.1864, 0.3660



61.4139, 0.2782, 0.2013



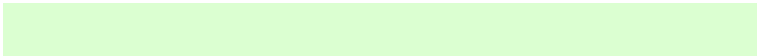
61.4139, 0.4477, 0.2811

Sweetspot

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



61.4165, 0.3193, 0.5151



91.1890, 0.3166, 0.3774



58.8358, 0.4168, 0.4446



19.2515, 0.3171, 0.3861



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.



61.4165, 0.3193, 0.5151



75.1999, 0.3168, 0.5522



60.4430, 0.2862, 0.4718



16.2383, 0.3148, 0.3531



32.4620, 0.3080, 0.5937



2.4388, 0.3176, 0.5860

Inverse Universe

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



25.4767, 0.2888, 0.1758



25.8800, 0.2814, 0.1513



28.0509, 0.3634, 0.2229



14.4501, 0.3103, 0.3056



8.8087, 0.2670, 0.1244



0.6901, 0.2752, 0.1290

Previews

White Background



This preview shows how the Yxy color 61.4139, 0.3193, 0.5151 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 61.4139, 0.3193, 0.5151 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 61.4139, 0.3193, 0.5151

Background



This preview shows how black text looks on a background with the Yxy color 61.4139, 0.3193, 0.5151.

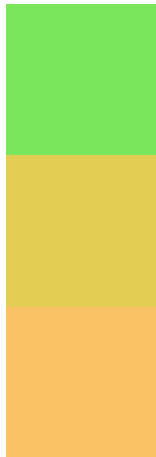


This preview shows how white text looks on a background with the Yxy color 61.4139, 0.3193, 0.5151.

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

61.4139, 0.3193, 0.5151

Protanopia

60.6181, 0.4151, 0.4569

Deuteranopia

60.0324, 0.4322, 0.4224



Tritanopia

61.1980, 0.2582, 0.3080

Trichromacy



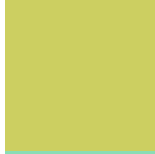
Original Color

61.4139, 0.3193, 0.5151



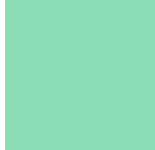
Protanomaly

59.4564, 0.3755, 0.4804



Deuteranomaly

58.3261, 0.3867, 0.4569



Tritanomaly

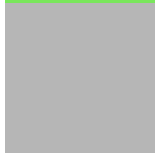
60.4524, 0.2825, 0.3822

Monochromacy



Original Color

61.4139, 0.3193, 0.5151



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

50.4904, 0.3180, 0.3979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4139, 0.3193, 0.5151 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(121, 230, 91)` looks like.

```
.text, #text, p{  
    color:rgb(121, 230, 91)  
}
```

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(121, 230, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 230, 91) }
```

Border

The CSS property to change the border of an element to Yxy 61.4139, 0.3193, 0.5151 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(121, 230, 91) }
```

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

```
.border{ border-color:rgb(121, 230, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 230, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 230, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 230, 91);  
box-shadow:4px 4px 4px 4px rgb(121, 230,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4139, 0.3193, 0.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 230, 91) }
```

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

```
.background{ background-color: rgb(121,  
230, 91) }
```

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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