

Converting Colors

$Yxy(62.1483, 0.3431, 0.5321)$

Have a look what the booklet for
Yxy(62.1483, 0.3431, 0.5321)
contains.

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Color

Yxy(62.1483, 0.3431, 0.5321)

Conversions

Conversions Part 1

Format	Color
Hex	8EE53F
RGB	142, 229, 63
RGB Percent	56%, 90%, 25%
CMY	0.4430, 0.1020, 0.7532
CMYK	0.38, 0.00, 0.73, 0.10
HSL	91°, 76%, 57%
HSV	91°, 73%, 90%
XYZ	40.0734, 62.1483, 14.5764
YIQ	184.0630, 1.4340, -70.0700

Conversions

Conversions Part 2

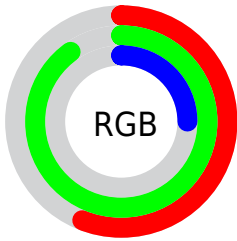
Format	Color
RYB	63, 229, 150
Decimal	9364799
CIELab	82.99, -51.77, 68.36
CIELCh	83, 85.752, 127.134
Yxy	62.1483, 0.3431, 0.5321
Android (android.graphics.Color)	4287554879 (0xFF8EE53F)
YUV	184.0630, -59.6841, -36.8893
Hunter-Lab	78.8342, -47.2237, 44.2212

Details

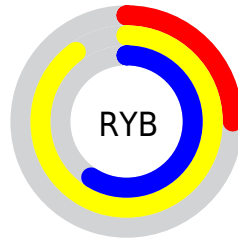
The Yxy color **62.1483, 0.3431, 0.5321** is a dark color, and the websafe version is hex **99FF66**, and the color name is [kiwi](#). The color can be described as middle washed chartreuse. A complement of this color would be **15.6815, 0.2377, 0.1309**, and the grayscale version is **48.3057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3180, 0.3520, 0.4744**, and **31.7261, 0.3342, 0.5728** is the 20% darker color. If you saturate the color by 10%, you get **60.9415, 0.3409, 0.5523**, and if you desaturate by 10%, it is **63.5810, 0.3431, 0.5071**.

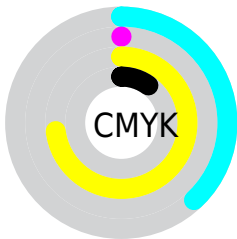
Distribution



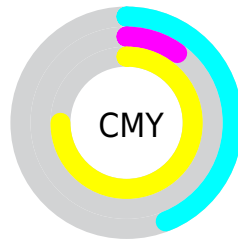
- Red (56%)
- Green (90%)
- Blue (25%)



- Red (25%)
- Yellow (90%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1483, 0.3431, 0.5321 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 62.1483, 0.3431, 0.5321 by changing the saturation by 10% instead.


 62.1483, 0.3431,
0.5321

 62.1483, 0.3431,
0.5321


432.4718, 0.3368,
0.4314

 45.1525, 0.3416,
0.5553


 107.9398, 0.3431,
0.4966


 31.5776, 0.3381,
0.5834


 137.5044, 0.3424,
0.4829

 21.0391, 0.3307,
0.6176


 172.0274, 0.3415,
0.4712

 13.1526, 0.3178,
0.6619

 211.8931, 0.3406,
0.4610

 7.5337, 0.2902,
0.7098

 257.4860, 0.3396,
0.4522

 3.7980, 0.2395,
0.7605

309.1905, 0.3386,

 1.5612, 0.0621,

0.4444

0.9379

367.3910, 0.3377,
0.4376

■ 0.3313, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1483, 0.3431,
0.5321

■ 62.1483, 0.3431,
0.5321

■ 60.9415, 0.3409,
0.5523

■ 63.5810, 0.3431,
0.5071

■ 59.9348, 0.3366,
0.5667


■ 65.2468, 0.3412,
0.4788


■ 59.2949, 0.3325,
0.5742

■ 67.1618, 0.3375,
0.4487


■ 69.3383, 0.3326,
0.4183

 71.7877, 0.3269,
0.3888

 74.5205, 0.3207,
0.3609

 77.5467, 0.3143,
0.3351

 80.8757, 0.3080,
0.3117

 83.5788, 0.3105,
0.3036

Harmonies

Analogous

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



62.1483, 0.4365, 0.4955



62.1483, 0.3431, 0.5321



62.1483, 0.2470, 0.4804

Triad

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



62.1483, 0.3431, 0.5321



62.1483, 0.1445, 0.1940



62.1483, 0.4636, 0.2827

Complementary

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



62.1483, 0.3431, 0.5321



15.6815, 0.2377, 0.1309

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.



62.1483, 0.3563, 0.2252



62.1483, 0.3431, 0.5321



62.1483, 0.1799, 0.1758

Square

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



62.1483, 0.3431, 0.5321



62.1483, 0.1417, 0.2517



62.1483, 0.2514, 0.1876



62.1483, 0.5204, 0.3506

Rectangle

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



62.1483, 0.3431, 0.5321



62.1483, 0.1946, 0.4009



62.1483, 0.2514, 0.1876



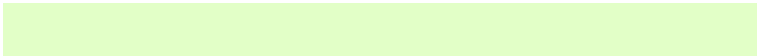
62.1483, 0.4309, 0.2619

Sweetspot

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



62.1510, 0.3431, 0.5321



91.7458, 0.3266, 0.3877



38.4287, 0.4766, 0.4171



19.4465, 0.3283, 0.3956



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.



62.1510, 0.3431, 0.5321



77.1027, 0.3390, 0.5602



57.4845, 0.3011, 0.5576



16.4241, 0.3187, 0.3528



33.9718, 0.3336, 0.5733



2.5654, 0.3448, 0.5644

Inverse Universe

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



15.6815, 0.2377, 0.1309



14.7383, 0.2193, 0.1041



25.7104, 0.3230, 0.1736



14.2567, 0.3062, 0.3053



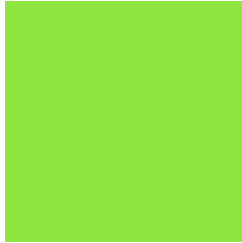
5.5874, 0.2073, 0.0915



0.4681, 0.2228, 0.1001

Previews

White Background



This preview shows how the Yxy color 62.1483, 0.3431, 0.5321 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 62.1483, 0.3431, 0.5321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

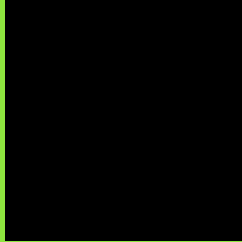
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1483, 0.3431, 0.5321

Background



This preview shows how black text looks on a background with the Yxy color 62.1483, 0.3431, 0.5321.



This preview shows how white text looks on a background with the Yxy color 62.1483, 0.3431, 0.5321.

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**

62.1483, 0.3431, 0.5321

Protanopia

61.4269, 0.4290, 0.4726

Deuteranopia

61.3644, 0.4447, 0.4363



Tritanopia

61.9696, 0.2698, 0.3085

Trichromacy



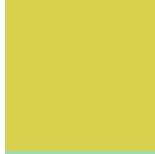
Original Color

62.1483, 0.3431, 0.5321



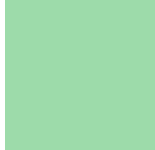
Protanomaly

60.5510, 0.3959, 0.4954



Deuteranomaly

59.9297, 0.4056, 0.4711



Tritanomaly

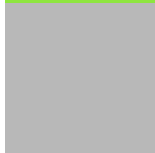
60.7334, 0.3009, 0.3930

Monochromacy



Original Color

62.1483, 0.3431, 0.5321



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

51.6370, 0.3314, 0.4099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1483, 0.3431, 0.5321 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(142, 229, 63)` looks like.

```
.text, #text, p{  
    color:rgb(142, 229, 63)  
}
```

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(142, 229, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 229, 63) }
```

Border

The CSS property to change the border of an element to Yxy 62.1483, 0.3431, 0.5321 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(142, 229, 63) }
```

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

```
.border{ border-color:rgb(142, 229, 63) }
```

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

Here you see how a box with a 4 pixel rgb(142, 229, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 229, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 229, 63);  
box-shadow:4px 4px 4px 4px rgb(142, 229,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1483, 0.3431, 0.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 229, 63) }
```

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

```
.background{ background-color: rgb(142,  
229, 63) }
```

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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