

Converting Colors

$Yxy(62.1655, 0.2824, 0.5351)$

Have a look what the booklet for
Yxy(62.1655, 0.2824, 0.5351)
contains.

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Color

Yxy(62.0140, 0.2825, 0.5355)

Conversions

Conversions Part 1

Format	Color
Hex	06EE5F
RGB	6, 238, 95
RGB Percent	2%, 93%, 37%
CMY	0.9768, 0.0666, 0.6274
CMYK	0.98, 0.00, 0.60, 0.07
HSL	143°, 95%, 48%
HSV	143°, 98%, 93%
XYZ	32.7151, 62.0140, 21.0767
YIQ	152.3300, -92.3690, -93.6570

Conversions

Conversions Part 2

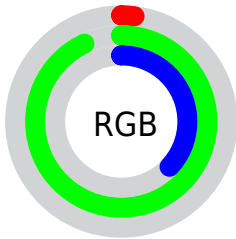
Format	Color
RYB	6, 174, 238
Decimal	454239
CIELab	82.92, -75.98, 54.86
CIELCh	83, 93.711, 144.168
Yxy	62.0140, 0.2825, 0.5355
Android (android.graphics.Color)	4278644319 (0xFF06EE5F)
YUV	152.3300, -28.2637, -128.3314
Hunter-Lab	78.7490, -63.6554, 39.2557

Details

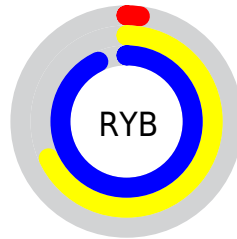
The Yxy color **62.0140, 0.2825, 0.5355** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **20.4736, 0.4457, 0.2240**, and the grayscale version is **31.6963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2006, 0.2891, 0.4651**, and **32.7890, 0.2936, 0.5768** is the 20% darker color. If you saturate the color by 10%, you get **61.9134, 0.2834, 0.5402**, and if you desaturate by 10%, it is **62.5426, 0.2793, 0.5152**.

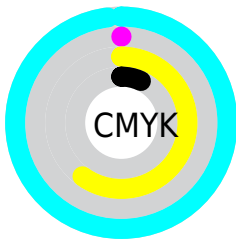
Distribution



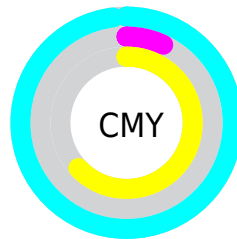
- Red (2%)
- Green (93%)
- Blue (37%)



- Red (2%)
- Yellow (68%)
- Blue (93%)



- Cyan (98%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)





- Cyan (98%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0140, 0.2825, 0.5355 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 62.0140, 0.2825, 0.5355 by changing the saturation by 10% instead.

 62.0140, 0.2825,
0.5355

 62.0140, 0.2825,
0.5355


431.9822, 0.3035,
0.4283


 45.0440, 0.2755,
0.5624


 107.7458, 0.2915,
0.4962

 31.4921, 0.2656,
0.5964

 137.2763, 0.2944,
0.4815

 20.9739, 0.2509,
0.6403

 171.7625, 0.2968,
0.4691

 13.1049, 0.2283,
0.6978

 211.5888, 0.2987,
0.4586

 7.5008, 0.1964,
0.7896

 257.1395, 0.3002,
0.4494

 3.7772, 0.1285,
0.8715


308.7990, 0.3015,


 1.5497, 0.0000,


0.4415


1.0000


366.9518, 0.3026,
0.4345


 0.3234, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 62.0140, 0.2825,
0.5355


 62.0140, 0.2825,
0.5355

 61.9134, 0.2834,
0.5402

 62.5426, 0.2793,
0.5152

 63.3870, 0.2777,
0.4927

 64.6076, 0.2781,
0.4688

 66.2482, 0.2802,
0.4445

■ 68.3462, 0.2839,
0.4207

■ 70.9349, 0.2889,
0.3981

■ 74.0443, 0.2946,
0.3771

■ 77.7020, 0.3010,
0.3579

■ 81.9335, 0.3077,
0.3407

Harmonies

Analogous

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



62.0140, 0.3869, 0.5402



62.0140, 0.2825, 0.5355



62.0140, 0.1913, 0.4220

Triad

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



62.0140, 0.2825, 0.5355



62.0140, 0.1501, 0.1690



62.0140, 0.5218, 0.3173

Complementary

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



62.0140, 0.2825, 0.5355



20.4736, 0.4457, 0.2240

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.



62.0140, 0.4299, 0.2499



62.0140, 0.2825, 0.5355



62.0140, 0.2081, 0.1691

Square

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



62.0140, 0.2825, 0.5355



62.0140, 0.1279, 0.2034



62.0140, 0.3067, 0.1973



62.0140, 0.5354, 0.3918

Rectangle

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



62.0140, 0.2825, 0.5355



62.0140, 0.1517, 0.3275



62.0140, 0.3067, 0.1973



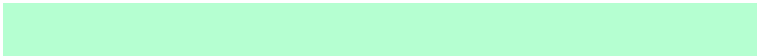
62.0140, 0.4987, 0.2939

Sweetspot

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



62.0165, 0.2825, 0.5355



85.9751, 0.2937, 0.3803



67.5581, 0.3540, 0.5560



18.0618, 0.2912, 0.3892



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.



62.0165, 0.2825, 0.5355



72.3999, 0.2836, 0.5409



65.8895, 0.2351, 0.3653



17.7568, 0.3063, 0.3439



34.5634, 0.2826, 0.5373



2.8942, 0.2752, 0.5108

Inverse Universe

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



20.4736, 0.4457, 0.2240



23.6979, 0.4506, 0.2256



18.4164, 0.6231, 0.3223



15.9226, 0.3197, 0.3146



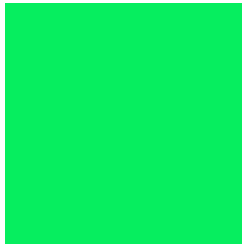
11.3359, 0.4474, 0.2238



0.9624, 0.4262, 0.2122

Previews

White Background



This preview shows how the Yxy color 62.0140, 0.2825, 0.5355 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 62.0140, 0.2825, 0.5355 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 62.0140, 0.2825, 0.5355

Background



This preview shows how black text looks on a background with the Yxy color 62.0140, 0.2825, 0.5355.

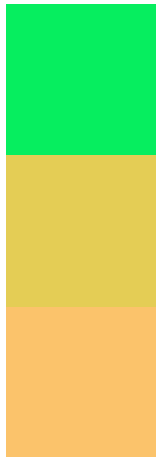


This preview shows how white text looks on a background with the Yxy color 62.0140, 0.2825, 0.5355.

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

62.0140, 0.2825, 0.5355

Protanopia

60.8125, 0.4149, 0.4549

Deuteranopia

60.6010, 0.4276, 0.4182



Tritanopia

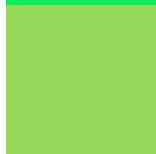
61.5591, 0.2336, 0.3060

Trichromacy



Original Color

62.0140, 0.2825, 0.5355



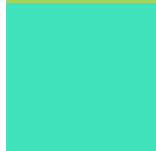
Protanomaly

56.5500, 0.3404, 0.4981



Deuteranomaly

55.2492, 0.3466, 0.4712



Tritanomaly

60.1744, 0.2489, 0.3853

Monochromacy



Original Color

62.0140, 0.2825, 0.5355



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

38.1583, 0.2852, 0.4157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0140, 0.2825, 0.5355 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(6, 238, 95)` looks like.

```
.text, #text, p{  
    color:rgb(6, 238, 95)  
}
```

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(6, 238, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 238, 95) }
```

Border

The CSS property to change the border of an element to Yxy 62.0140, 0.2825, 0.5355 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(6, 238, 95) }
```

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

```
.border{ border-color:rgb(6, 238, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 238, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 238, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 238, 95);  
box-shadow:4px 4px 4px 4px rgb(6, 238, 95)  
}
```


Background

The CSS property to change the background color of an element to Yxy 62.0140, 0.2825, 0.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 238, 95) }
```

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

```
.background{ background-color: rgb(6, 238,  
95) }
```

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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