

Converting Colors

Yxy(54.0033, 0.1967, 0.4808)

Have a look what the booklet for
Yxy(54.0033, 0.1967, 0.4808)
contains.

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Color

Yxy(60.3222, 0.2611, 0.4598)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 01E991 |
| RGB | 1, 233, 145 |
| RGB Percent | 0%, 91%, 57% |
| CMY | 0.9973, 0.0863, 0.4315 |
| CMYK | 1.00, 0.00, 0.38, 0.09 |
| HSL | 157°, 99%, 46% |
| HSV | 157°, 100%, 91% |
| XYZ | 34.2543, 60.3222, 36.6158 |
| YIQ | 153.6000, -110.0240, -76.5520 |

Conversions

Conversions Part 2

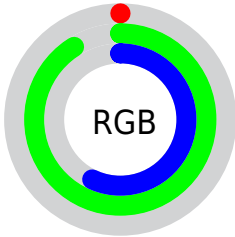
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 1, 144, 233 |
| Decimal | 125329 |
| CIE _{Lab} | 82.01, -66.65, 29.91 |
| CIE _{LCh} | 82, 73.054, 155.833 |
| Yxy | 60.3222, 0.2611, 0.4598 |
| Android (android.graphics.Color) | 4278315409 (0xFF01E991) |
| YUV | 153.6000, -4.2398, -133.8302 |
| Hunter-Lab | 77.6674, -57.1925, 26.4153 |

Details

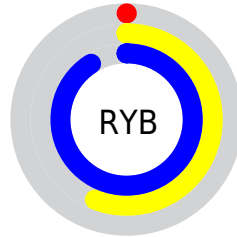
The Yxy color **60.3222, 0.2611, 0.4598** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **18.0542, 0.5492, 0.2801**, and the grayscale version is **32.1390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9585, 0.2652, 0.3989**, and **31.8588, 0.2690, 0.4885** is the 20% darker color. If you saturate the color by 10%, you get **60.3123, 0.2612, 0.4602**, and if you desaturate by 10%, it is **60.7971, 0.2589, 0.4454**.

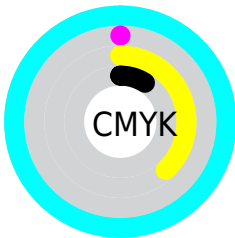
Distribution



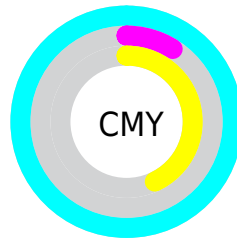
- Red (0%)
- Green (91%)
- Blue (57%)



- Red (0%)
- Yellow (56%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3222, 0.2611, 0.4598 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 60.3222, 0.2611, 0.4598 by changing the saturation by 10% instead.

 60.3222, 0.2611,
0.4598


 60.3222, 0.2611,
0.4598


425.7844, 0.2882,
0.3923

 43.6784, 0.2540,
0.4771

 105.2969, 0.2712,
0.4349

 30.4177, 0.2447,
0.4995


 134.3966, 0.2749,
0.4256


 20.1559, 0.2321,
0.5295


 168.4171, 0.2781,
0.4179

 12.5084, 0.2143,
0.5714

 207.7427, 0.2807,
0.4112

 7.0909, 0.1875,
0.6330

 252.7578, 0.2830,
0.4055

 3.5190, 0.1445,
0.7376

303.8469, 0.2850,

 1.4083, 0.0000,

0.4005

1.0000

361.3943, 0.2867,
0.3962

■ 0.2229, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3222, 0.2611,
0.4598

■ 60.3222, 0.2611,
0.4598

■ 60.3123, 0.2612,
0.4602

■ 60.7971, 0.2589,
0.4454

■ 61.5187, 0.2584,
0.4307

■ 62.5581, 0.2599,
0.4159

■ 63.9568, 0.2635,
0.4012

■ 65.7499, 0.2689,
0.3869

■ 67.9682, 0.2759,
0.3733

■ 70.6392, 0.2841,
0.3607

■ 73.7882, 0.2932,
0.3490

■ 77.4385, 0.3029,
0.3383

Harmonies

Analogous

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



60.3222, 0.3470, 0.5029



60.3222, 0.2611, 0.4598



60.3222, 0.1942, 0.3599

Triad

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



60.3222, 0.2611, 0.4598



60.3222, 0.1931, 0.1928



60.3222, 0.4922, 0.3493

Complementary

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



60.3222, 0.2611, 0.4598



18.0542, 0.5492, 0.2801

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.



60.3222, 0.4395, 0.2872



60.3222, 0.2611, 0.4598



60.3222, 0.2564, 0.2020

Square

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



60.3222, 0.2611, 0.4598



60.3222, 0.1617, 0.2121



60.3222, 0.3470, 0.2353



60.3222, 0.4845, 0.4151

Rectangle

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



60.3222, 0.2611, 0.4598



60.3222, 0.1683, 0.2942



60.3222, 0.3470, 0.2353



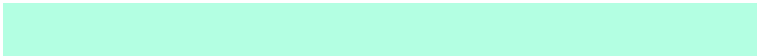
60.3222, 0.4811, 0.3280

Sweetspot

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



60.3246, 0.2611, 0.4598



86.5361, 0.2837, 0.3612



60.4384, 0.3214, 0.5828



18.2124, 0.2801, 0.3665



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.



60.3246, 0.2611, 0.4598



74.0019, 0.2614, 0.4609



49.9790, 0.2143, 0.2914



17.0195, 0.3032, 0.3381



34.2481, 0.2606, 0.4580



2.7079, 0.2550, 0.4380

Inverse Universe

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



18.0542, 0.5492, 0.2801



22.1159, 0.5513, 0.2810



18.1450, 0.6312, 0.3367



15.1485, 0.3233, 0.3201



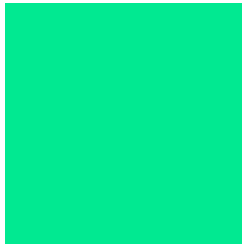
10.2545, 0.5460, 0.2781



0.8234, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 60.3222, 0.2611, 0.4598 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 60.3222, 0.2611, 0.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

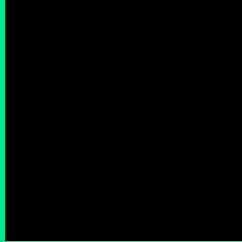
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3222, 0.2611, 0.4598

Background



This preview shows how black text looks on a background with the Yxy color 60.3222, 0.2611, 0.4598.



This preview shows how white text looks on a background with the Yxy color 60.3222, 0.2611, 0.4598.

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

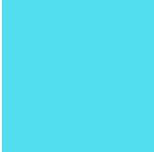
60.3286, 0.2611, 0.4598

Protanopia

59.1226, 0.3798, 0.4098

Deuteranopia

59.0938, 0.3815, 0.3734



Tritanopia

60.3728, 0.2300, 0.3057

Trichromacy



Original Color

60.3286, 0.2611, 0.4598



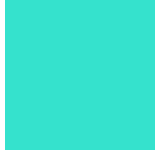
Protanomaly

54.9701, 0.3098, 0.4352



Deuteranomaly

54.0215, 0.3098, 0.4072



Tritanomaly

59.5574, 0.2385, 0.3579

Monochromacy



Original Color

60.3286, 0.2611, 0.4598



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

38.2546, 0.2718, 0.3813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3222, 0.2611, 0.4598 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(1, 233, 145)` looks like.

```
.text, #text, p{  
    color:rgb(1, 233, 145)  
}
```

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(1, 233, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 233, 145) }
```

Border

The CSS property to change the border of an element to Yxy 60.3222, 0.2611, 0.4598 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(1, 233, 145) }
```

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

```
.border{ border-color:rgb(1, 233, 145) }
```

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

Here you see how a box with a 4 pixel rgb(1, 233, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 233, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 233, 145);  
box-shadow:4px 4px 4px 4px rgb(1, 233,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3222, 0.2611, 0.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 233, 145) }
```

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

```
.background{ background-color: rgb(1, 233,  
145) }
```

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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