

Converting Colors

Yxy(54.9284, 0.2732, 0.5028)

Have a look what the booklet for
Yxy(54.9284, 0.2732, 0.5028)
contains.

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Color

Yxy(55.0396, 0.2734, 0.5035)

Conversions

Conversions Part 1

Format	Color
Hex	03E170
RGB	3, 225, 112
RGB Percent	1%, 88%, 44%
CMY	0.9892, 0.1176, 0.5606
CMYK	0.99, 0.00, 0.50, 0.12
HSL	150°, 98%, 45%
HSV	150°, 99%, 88%
XYZ	29.8864, 55.0396, 24.3880
YIQ	145.7400, -96.0390, -82.2070

Conversions

Conversions Part 2

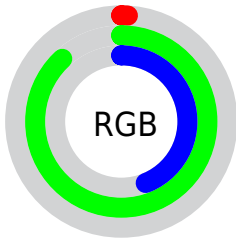
Format	Color
RYB	3, 152, 225
Decimal	254320
CIELab	79.06, -69.76, 42.44
CIELCh	79, 81.654, 148.682
Yxy	55.0396, 0.2734, 0.5035
Android (android.graphics.Color)	4278444400 (0xFF03E170)
YUV	145.7400, -16.6338, -125.1830
Hunter-Lab	74.1887, -57.9226, 32.4417

Details

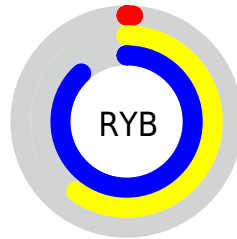
The Yxy color **55.0396, 0.2734, 0.5035** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **17.3223, 0.4922, 0.2492**, and the grayscale version is **28.7014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4613, 0.2794, 0.4433**, and **28.3422, 0.2839, 0.5420** is the 20% darker color. If you saturate the color by 10%, you get **54.9933, 0.2738, 0.5057**, and if you desaturate by 10%, it is **55.5052, 0.2704, 0.4851**.

Distribution



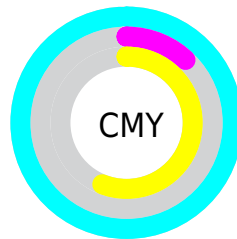
- Red (1%)
- Green (88%)
- Blue (44%)



- Red (1%)
- Yellow (60%)
- Blue (88%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)





- Cyan (99%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0396, 0.2734, 0.5035 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 55.0396, 0.2734, 0.5035 by changing the saturation by 10% instead.


 55.0396, 0.2734,
0.5035


 55.0396, 0.2734,
0.5035


406.0620, 0.2970,
0.4112

 39.4334, 0.2663,
0.5276


 97.5990, 0.2829,
0.4690


 27.0971, 0.2564,
0.5589


 125.3210, 0.2862,
0.4563


 17.6461, 0.2421,
0.6007


 157.8503, 0.2889,
0.4457

 10.6962, 0.2203,
0.6585

 195.5715, 0.2911,
0.4367

 5.8630, 0.1865,
0.7454

 238.8689, 0.2929,
0.4290

 2.7619, 0.0989,
0.9011

288.1268, 0.2945,

 1.0087, 0.0000,

0.4223


1.0000


343.7297, 0.2958,
0.4164

 0.0000, 0.0000,
0.0000

 55.0396, 0.2734,
0.5035


 55.0396, 0.2734,
0.5035

 54.9933, 0.2738,
0.5057

 55.5052, 0.2704,
0.4851

 56.2224, 0.2692,
0.4656

 57.2508, 0.2699,
0.4456

 58.6286, 0.2727,
0.4255

 60.3879, 0.2771,
0.4060

■ 62.5573, 0.2829,
0.3875

■ 65.1625, 0.2898,
0.3703

■ 68.2270, 0.2974,
0.3545

■ 71.7726, 0.3055,
0.3403

Harmonies

Analogous

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



55.0396, 0.3705, 0.5271



55.0396, 0.2734, 0.5035



55.0396, 0.1922, 0.3937

Triad

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



55.0396, 0.2734, 0.5035



55.0396, 0.1675, 0.1786



55.0396, 0.5102, 0.3310

Complementary

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



55.0396, 0.2734, 0.5035



17.3223, 0.4922, 0.2492

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.



55.0396, 0.4353, 0.2655



55.0396, 0.2734, 0.5035



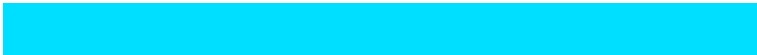
55.0396, 0.2281, 0.1824

Square

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



55.0396, 0.2734, 0.5035



55.0396, 0.1415, 0.2066



55.0396, 0.3244, 0.2130



55.0396, 0.5143, 0.4026

Rectangle

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



55.0396, 0.2734, 0.5035



55.0396, 0.1583, 0.3120



55.0396, 0.3244, 0.2130



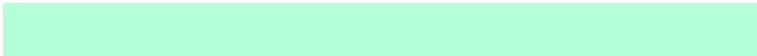
55.0396, 0.4924, 0.3083

Sweetspot

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



55.0418, 0.2734, 0.5035



86.0082, 0.2888, 0.3727



57.6816, 0.3387, 0.5686



18.0871, 0.2858, 0.3799



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.



55.0418, 0.2734, 0.5035



73.0107, 0.2741, 0.5069



59.1077, 0.2262, 0.3338



15.4491, 0.3049, 0.3412



31.7114, 0.2730, 0.5029



2.2161, 0.2651, 0.4744

Inverse Universe

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



17.3223, 0.4922, 0.2492



22.8612, 0.4966, 0.2509



16.0822, 0.6370, 0.3292



13.8162, 0.3213, 0.3171



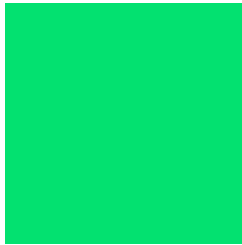
9.9528, 0.4917, 0.2482



0.7080, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 55.0396, 0.2734, 0.5035 looks on a white background.

Color Contrast Check

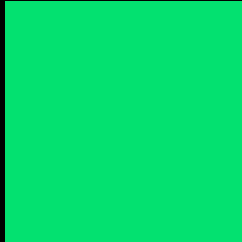
Large Text (above 18pt) WCAG AA × Fail

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 55.0396, 0.2734, 0.5035 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 55.0396, 0.2734, 0.5035

Background



This preview shows how black text looks on a background with the Yxy color 55.0396, 0.2734, 0.5035.



This preview shows how white text looks on a background with the Yxy color 55.0396, 0.2734, 0.5035.

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

55.0396, 0.2734, 0.5035

Protanopia

53.8193, 0.4005, 0.4365

Deuteranopia

53.5955, 0.4081, 0.3992



Tritanopia

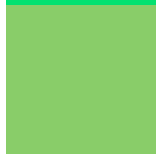
54.7225, 0.2323, 0.3061

Trichromacy



Original Color

55.0396, 0.2734, 0.5035



Protanomaly

50.0009, 0.3277, 0.4722



Deuteranomaly

49.1006, 0.3309, 0.4452



Tritanomaly

54.0116, 0.2446, 0.3742

Monochromacy



Original Color

55.0396, 0.2734, 0.5035



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

34.7609, 0.2787, 0.3996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0396, 0.2734, 0.5035 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(3, 225, 112)` looks like.

```
.text, #text, p{  
    color:rgb(3, 225, 112)  
}
```

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(3, 225, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 225, 112) }
```

Border

The CSS property to change the border of an element to Yxy 55.0396, 0.2734, 0.5035 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(3, 225, 112) }
```

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

```
.border{ border-color:rgb(3, 225, 112) }
```

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

Here you see how a box with a 4 pixel rgb(3, 225, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 225, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 225, 112);  
box-shadow:4px 4px 4px 4px rgb(3, 225,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0396, 0.2734, 0.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 225, 112) }
```

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

```
.background{ background-color: rgb(3, 225,  
112) }
```

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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