

Converting Colors

Yxy(53.8942, 0.2938, 0.5709)

Have a look what the booklet for
Yxy(53.8942, 0.2938, 0.5709)
contains.

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Color

Yxy(53.7452, 0.2937, 0.5706)

Conversions

Conversions Part 1

Format	Color
Hex	13E039
RGB	19, 224, 57
RGB Percent	7%, 88%, 22%
CMY	0.9250, 0.1216, 0.7766
CMYK	0.91, 0.00, 0.75, 0.12
HSL	131°, 84%, 48%
HSV	131°, 91%, 88%
XYZ	27.6638, 53.7452, 12.7817
YIQ	143.6670, -68.5730, -95.3970

Conversions

Conversions Part 2

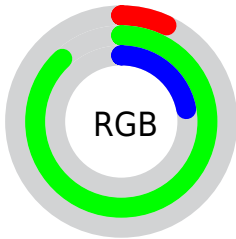
Format	Color
R_{YB}	19, 192, 224
Decimal	1302585
CIE Lab	78.31, -75.17, 64.68
CIE LCh	78, 99.164, 139.288
Yxy	53.7452, 0.2937, 0.5706
Android (android.graphics.Color)	4279492665 (0xFF13E039)
YUV	143.6670, -42.7268, -109.3330
Hunter-Lab	73.3111, -60.9378, 40.9807

Details

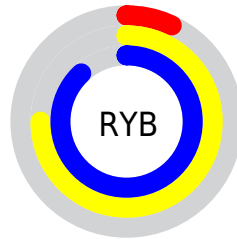
The Yxy color **53.7452, 0.2937, 0.5706** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **19.8698, 0.3690, 0.1840**, and the grayscale version is **27.9598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2456, 0.3039, 0.5080**, and **27.6374, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **53.4753, 0.2956, 0.5840**, and if you desaturate by 10%, it is **54.3061, 0.2921, 0.5495**.

Distribution



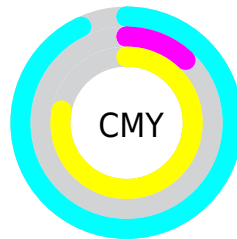
- Red (7%)
- Green (88%)
- Blue (22%)



- Red (7%)
- Yellow (75%)
- Blue (88%)



- Cyan (91%)
- Magenta (0%)
- Yellow (75%)
- Black (12%)




- Cyan (93%)
- Magenta (12%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7452, 0.2937, 0.5706 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 53.7452, 0.2937, 0.5706 by changing the saturation by 10% instead.


 53.7452, 0.2937,
0.5706

 53.7452, 0.2937,
0.5706


401.1376, 0.3127,
0.4434


 38.3980, 0.2856,
0.6022


 95.7000, 0.3031,
0.5239

 26.2917, 0.2734,
0.6417


 123.0764, 0.3059,
0.5064

 17.0420, 0.2544,
0.6912


 155.2314, 0.3079,
0.4917

 10.2644, 0.2276,
0.7652

 192.5492, 0.3094,
0.4791

 5.5746, 0.1749,
0.8251

 235.4144, 0.3106,
0.4683

 2.5882, 0.0343,
0.9657

284.2112, 0.3115,

 0.9207, 0.0000,

0.4589


1.0000


339.3242, 0.3122,
0.4506


 0.0000, 0.0000,
0.0000


 53.7452, 0.2937,
0.5706


 53.7452, 0.2937,
0.5706


 53.4753, 0.2956,
0.5840

 54.3061, 0.2921,
0.5495

 55.1993, 0.2917,
0.5234

 56.4711, 0.2925,
0.4940

 58.1588, 0.2945,
0.4633

 60.2952, 0.2973,
0.4329

■ 62.9097, 0.3007,
0.4039

■ 66.0291, 0.3044,
0.3772

■ 69.6784, 0.3083,
0.3532

■ 73.8806, 0.3122,
0.3319

Harmonies

Analogous

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



53.7452, 0.4055, 0.5489



53.7452, 0.2937, 0.5706



53.7452, 0.1919, 0.4594

Triad

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



53.7452, 0.2937, 0.5706



53.7452, 0.1317, 0.1592



53.7452, 0.5324, 0.3008

Complementary

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



53.7452, 0.2937, 0.5706



19.8698, 0.3690, 0.1840

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.



53.7452, 0.4198, 0.2318



53.7452, 0.2937, 0.5706



53.7452, 0.1857, 0.1548

Square

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



53.7452, 0.2937, 0.5706



53.7452, 0.1137, 0.2012



53.7452, 0.2847, 0.1800



53.7452, 0.5587, 0.3774

Rectangle

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



53.7452, 0.2937, 0.5706



53.7452, 0.1455, 0.3498



53.7452, 0.2847, 0.1800



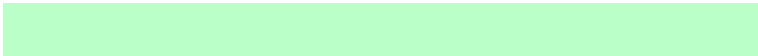
53.7452, 0.5024, 0.2768

Sweetspot

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



53.7474, 0.2937, 0.5706



86.0952, 0.3022, 0.3922



63.8546, 0.3881, 0.5258



18.1324, 0.3010, 0.4016



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.



53.7474, 0.2937, 0.5706



71.7260, 0.2958, 0.5849



55.9599, 0.2533, 0.4270



15.3784, 0.3091, 0.3487



31.1381, 0.2950, 0.5820



2.1705, 0.2875, 0.5549

Inverse Universe

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



19.8698, 0.3690, 0.1840



25.8092, 0.3752, 0.1840



16.9579, 0.5477, 0.2851



13.8899, 0.3166, 0.3101



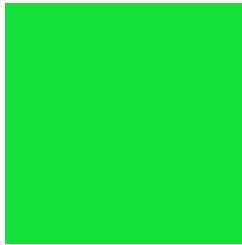
11.2212, 0.3737, 0.1833



0.7892, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 53.7452, 0.2937, 0.5706 looks on a white background.

Color Contrast Check

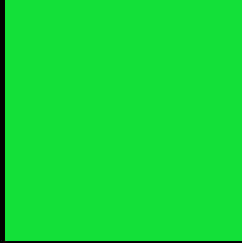
Large Text (above 18pt) WCAG AA × Fail

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 53.7452, 0.2937, 0.5706 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 53.7452, 0.2937, 0.5706

Background



This preview shows how black text looks on a background with the Yxy color 53.7452, 0.2937, 0.5706.



This preview shows how white text looks on a background with the Yxy color 53.7452, 0.2937, 0.5706.

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

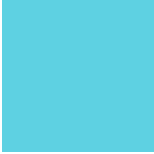
53.7452, 0.2937, 0.5706

Protanopia

52.3681, 0.4300, 0.4747

Deuteranopia

52.3010, 0.4478, 0.4373



Tritanopia

53.4716, 0.2355, 0.3060

Trichromacy



Original Color

53.7452, 0.2937, 0.5706



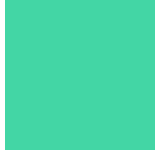
Protanomaly

49.3630, 0.3584, 0.5247



Deuteranomaly

47.7208, 0.3684, 0.4979



Tritanomaly

52.0030, 0.2569, 0.4030

Monochromacy



Original Color

53.7452, 0.2937, 0.5706



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

33.7096, 0.2975, 0.4358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7452, 0.2937, 0.5706 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(19, 224, 57)` looks like.

```
.text, #text, p{  
    color:rgb(19, 224, 57)  
}
```

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(19, 224, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 224, 57) }
```

Border

The CSS property to change the border of an element to Yxy 53.7452, 0.2937, 0.5706 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(19, 224, 57) }
```

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

```
.border{ border-color:rgb(19, 224, 57) }
```

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

Here you see how a box with a 4 pixel rgb(19, 224, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 224, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 224, 57);  
box-shadow:4px 4px 4px 4px rgb(19, 224,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7452, 0.2937, 0.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 224, 57) }
```

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

```
.background{ background-color: rgb(19, 224,  
57) }
```

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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