

Converting Colors

Yxy(55.5475, 0.3024, 0.5620)

Have a look what the booklet for
Yxy(55.5475, 0.3024, 0.5620)
contains.

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Color

Yxy(55.7431, 0.3024, 0.5620)

Conversions

Conversions Part 1

Format	Color
Hex	3EE23C
RGB	62, 226, 60
RGB Percent	24%, 89%, 24%
CMY	0.7572, 0.1137, 0.7648
CMYK	0.73, 0.00, 0.73, 0.11
HSL	119°, 74%, 56%
HSV	119°, 73%, 89%
XYZ	29.9942, 55.7431, 13.4498
YIQ	158.0400, -44.4580, -86.3940

Conversions

Conversions Part 2

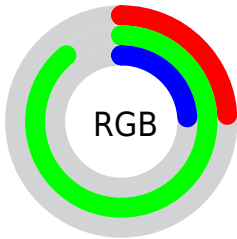
Format	Color
R _{YB}	60, 226, 224
Decimal	4121148
CIE Lab	79.47, -71.09, 64.99
CIE LCh	79, 96.320, 137.564
Yxy	55.7431, 0.3024, 0.5620
Android (android.graphics.Color)	4282311228 (0xFF3EE23C)
YUV	158.0400, -48.3337, -84.2271
Hunter-Lab	74.6613, -58.9474, 41.5822

Details

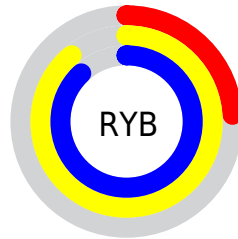
The Yxy color **55.7431, 0.3024, 0.5620** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **24.5795, 0.3181, 0.1696**, and the grayscale version is **34.4394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7909, 0.3124, 0.4996**, and **28.3759, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **54.9766, 0.3012, 0.5832**, and if you desaturate by 10%, it is **56.9126, 0.3038, 0.5333**.

Distribution



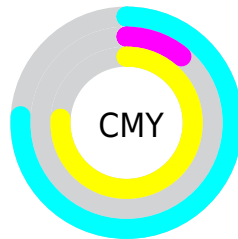
- Red (24%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)




- Cyan (76%)
- Magenta (11%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7431, 0.3024, 0.5620 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 55.7431, 0.3024, 0.5620 by changing the saturation by 10% instead.


 55.7431, 0.3024,
0.5620

 55.7431, 0.3024,
0.5620


408.7226, 0.3167,
0.4406


 39.9970, 0.2957,
0.5918


 98.6289, 0.3100,
0.5178

 27.5362, 0.2853,
0.6289


 126.5373, 0.3121,
0.5011


 17.9763, 0.2687,
0.6752


 159.2686, 0.3136,
0.4870

 10.9330, 0.2444,
0.7411

 197.2073, 0.3147,
0.4750

 6.0218, 0.1974,
0.8026

 240.7376, 0.3155,
0.4646

 2.8583, 0.0987,
0.9013

290.2440, 0.3160,

 1.0582, 0.0000,

0.4556

1.0000

346.1109, 0.3164,
0.4476

■ 0.0000, 0.0000,
0.0000

■ 55.7431, 0.3024,
0.5620

■ 55.7431, 0.3024,
0.5620

■ 54.9766, 0.3012,
0.5832

■ 56.9126, 0.3038,
0.5333

■ 54.5532, 0.3004,
0.5956

■ 58.5221, 0.3054,
0.4997

■ 54.4150, 0.3002,
0.5998


■ 60.6122, 0.3071,
0.4639


■ 63.2170, 0.3086,
0.4284

■ 66.3675, 0.3100,
0.3949

 70.0922, 0.3113,
0.3645

 74.4177, 0.3124,
0.3375

 79.3689, 0.3133,
0.3140

 82.8779, 0.3140,
0.3009

Harmonies

Analogous

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



55.7431, 0.4108, 0.5385



55.7431, 0.3024, 0.5620



55.7431, 0.2017, 0.4623

Triad

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



55.7431, 0.3024, 0.5620



55.7431, 0.1348, 0.1656



55.7431, 0.5196, 0.2988

Complementary

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



55.7431, 0.3024, 0.5620



24.5795, 0.3181, 0.1696

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.



55.7431, 0.4083, 0.2316



55.7431, 0.3024, 0.5620



55.7431, 0.1856, 0.1591

Square

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



55.7431, 0.3024, 0.5620



55.7431, 0.1191, 0.2099



55.7431, 0.2793, 0.1822



55.7431, 0.5516, 0.3738

Rectangle

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



55.7431, 0.3024, 0.5620



55.7431, 0.1543, 0.3583



55.7431, 0.2793, 0.1822



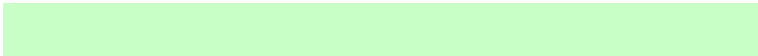
55.7431, 0.4892, 0.2752

Sweetspot

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



55.7454, 0.3024, 0.5620



87.8571, 0.3102, 0.3907



69.4013, 0.4111, 0.4866



18.5415, 0.3099, 0.3995



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.



55.7454, 0.3024, 0.5620



71.9438, 0.3008, 0.5906



57.2581, 0.2700, 0.4572



15.3448, 0.3118, 0.3532



31.0443, 0.3003, 0.5998



2.1546, 0.3010, 0.5992

Inverse Universe

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



24.5795, 0.3181, 0.1696



28.9455, 0.3182, 0.1566



21.4677, 0.4294, 0.2416



13.9271, 0.3136, 0.3059



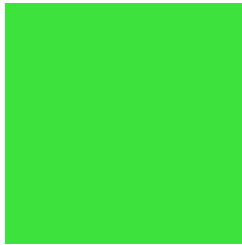
12.1192, 0.3180, 0.1526



0.8427, 0.3185, 0.1528

Previews

White Background



This preview shows how the Yxy color 55.7431, 0.3024, 0.5620 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 55.7431, 0.3024, 0.5620 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 55.7431, 0.3024, 0.5620

Background



This preview shows how black text looks on a background with the Yxy color 55.7431, 0.3024, 0.5620.

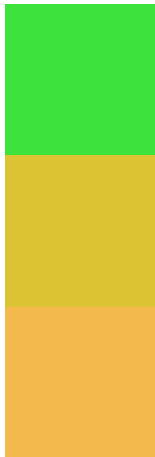


This preview shows how white text looks on a background with the Yxy color 55.7431, 0.3024, 0.5620.

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

55.7431, 0.3024, 0.5620

Protanopia

54.3382, 0.4298, 0.4732

Deuteranopia

54.2744, 0.4475, 0.4367



Tritanopia

55.4412, 0.2411, 0.3066

Trichromacy



Original Color

55.7431, 0.3024, 0.5620



Protanomaly

52.0998, 0.3712, 0.5136



Deuteranomaly

51.0979, 0.3816, 0.4888



Tritanomaly

54.1771, 0.2658, 0.4006

Monochromacy



Original Color

55.7431, 0.3024, 0.5620



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

39.4831, 0.3089, 0.4263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7431, 0.3024, 0.5620 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(62, 226, 60)` looks like.

```
.text, #text, p{  
    color:rgb(62, 226, 60)  
}
```

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(62, 226, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 226, 60) }
```

Border

The CSS property to change the border of an element to Yxy 55.7431, 0.3024, 0.5620 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(62, 226, 60) }
```

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

```
.border{ border-color:rgb(62, 226, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 226, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 226, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 226, 60);  
box-shadow:4px 4px 4px 4px rgb(62, 226,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7431, 0.3024, 0.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 226, 60) }
```

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

```
.background{ background-color: rgb(62, 226,  
60) }
```

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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