

Converting Colors

Yxy(54.1496, 0.3019, 0.5590)

Have a look what the booklet for
Yxy(54.1496, 0.3019, 0.5590)
contains.

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Color

Yxy(54.1473, 0.3019, 0.5590)

Conversions

Conversions Part 1

Format	Color
Hex	3EDF3E
RGB	62, 223, 62
RGB Percent	24%, 87%, 24%
CMY	0.7570, 0.1255, 0.7567
CMYK	0.72, 0.00, 0.72, 0.13
HSL	120°, 72%, 56%
HSV	120°, 72%, 87%
XYZ	29.2434, 54.1473, 13.4739
YIQ	156.5070, -44.2750, -84.2030

Conversions

Conversions Part 2

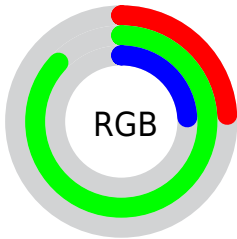
Format	Color
RYB	62, 223, 223
Decimal	4120382
CIELab	78.55, -69.99, 63.35
CIELCh	79, 94.399, 137.850
Yxy	54.1473, 0.3019, 0.5590
Android (android.graphics.Color)	4282310462 (0xFF3EDF3E)
YUV	156.5070, -46.5920, -82.8826
Hunter-Lab	73.5848, -57.8357, 40.6530

Details

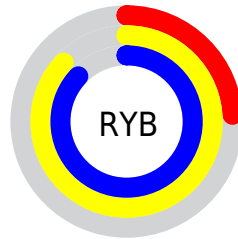
The Yxy color **54.1473, 0.3019, 0.5590** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **24.4548, 0.3202, 0.1722**, and the grayscale version is **33.7116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7574, 0.3111, 0.4976**, and **27.2724, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **53.3741, 0.3009, 0.5812**, and if you desaturate by 10%, it is **55.3208, 0.3033, 0.5295**.

Distribution



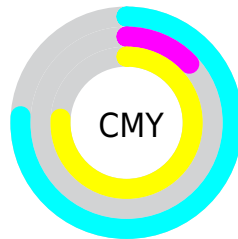
- Red (24%)
- Green (87%)
- Blue (24%)



- Red (24%)
- Yellow (87%)
- Blue (87%)



- Cyan (72%)
- Magenta (0%)
- Yellow (72%)
- Black (13%)




- Cyan (76%)
- Magenta (13%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1473, 0.3019, 0.5590 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 54.1473, 0.3019, 0.5590 by changing the saturation by 10% instead.


 54.1473, 0.3019,
0.5590

 54.1473, 0.3019,
0.5590


402.6715, 0.3162,
0.4385

 38.7194, 0.2952,
0.5889

 96.2905, 0.3094,
0.5149


 26.5415, 0.2848,
0.6262


 123.7746, 0.3115,
0.4984


 17.2292, 0.2683,
0.6732


 156.0463, 0.3130,
0.4844

 10.3980, 0.2439,
0.7406

 193.4899, 0.3141,
0.4725

 5.6637, 0.1961,
0.8039

 236.4898, 0.3149,
0.4622

 2.6417, 0.0843,
0.9157

285.4304, 0.3155,

 0.9477, 0.0000,

0.4533

1.0000

340.6962, 0.3159,
0.4454

■ 0.0000, 0.0000,
0.0000

■ 54.1473, 0.3019,
0.5590

■ 54.1473, 0.3019,
0.5590

■ 53.3741, 0.3009,
0.5812

■ 55.3208, 0.3033,
0.5295

■ 52.9426, 0.3002,
0.5946


■ 56.9311, 0.3049,
0.4954


■ 52.7782, 0.3000,
0.6000


■ 59.0180, 0.3066,
0.4594


■ 61.6151, 0.3082,
0.4241

■ 64.7529, 0.3098,
0.3909

 68.4595, 0.3112,
0.3609

 72.7611, 0.3125,
0.3344

 77.6823, 0.3136,
0.3113

 81.2580, 0.3142,
0.2980

Harmonies

Analogous

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



54.1473, 0.4096, 0.5375



54.1473, 0.3019, 0.5590



54.1473, 0.2021, 0.4593

Triad

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



54.1473, 0.3019, 0.5590



54.1473, 0.1363, 0.1667



54.1473, 0.5183, 0.3000

Complementary

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



54.1473, 0.3019, 0.5590



24.4548, 0.3202, 0.1722

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.



54.1473, 0.4086, 0.2331



54.1473, 0.3019, 0.5590



54.1473, 0.1874, 0.1605

Square

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



54.1473, 0.3019, 0.5590



54.1473, 0.1205, 0.2104



54.1473, 0.2808, 0.1837



54.1473, 0.5494, 0.3747

Rectangle

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



54.1473, 0.3019, 0.5590



54.1473, 0.1551, 0.3568



54.1473, 0.2808, 0.1837



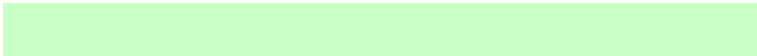
54.1473, 0.4884, 0.2765

Sweetspot

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



54.1496, 0.3019, 0.5590



87.7686, 0.3098, 0.3907



68.8142, 0.4083, 0.4870



18.5212, 0.3094, 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.



54.1496, 0.3019, 0.5590



71.9571, 0.3005, 0.5896



55.7689, 0.2688, 0.4503



15.3374, 0.3116, 0.3532



31.0312, 0.3000, 0.6000



2.1510, 0.3000, 0.5999

Inverse Universe

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



24.4548, 0.3202, 0.1722



29.5692, 0.3208, 0.1586



21.0987, 0.4307, 0.2451



13.9355, 0.3138, 0.3059



12.3535, 0.3210, 0.1542



0.8563, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 54.1473, 0.3019, 0.5590 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 54.1473, 0.3019, 0.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

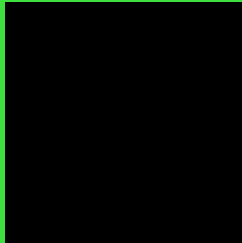
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

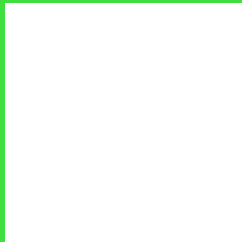
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1473, 0.3019, 0.5590

Background



This preview shows how black text looks on a background with the Yxy color 54.1473, 0.3019, 0.5590.



This preview shows how white text looks on a background with the Yxy color 54.1473, 0.3019, 0.5590.

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

54.1473, 0.3019, 0.5590

Protanopia

53.0052, 0.4281, 0.4722

Deuteranopia

52.7535, 0.4452, 0.4360



Tritanopia

53.6738, 0.2409, 0.3063

Trichromacy



Original Color

54.1473, 0.3019, 0.5590



Protanomaly

50.9547, 0.3700, 0.5119



Deuteranomaly

49.9700, 0.3800, 0.4864



Tritanomaly

52.5658, 0.2652, 0.3984

Monochromacy



Original Color

54.1473, 0.3019, 0.5590



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

38.5905, 0.3083, 0.4239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1473, 0.3019, 0.5590 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, 223, 62)` looks like.

```
.text, #text, p{  
    color:rgb(62, 223, 62)  
}
```

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, 223, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 223, 62) }
```

Border

The CSS property to change the border of an element to Yxy 54.1473, 0.3019, 0.5590 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, 223, 62) }
```

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

```
.border{ border-color:rgb(62, 223, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 223, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 223, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 223, 62);  
box-shadow:4px 4px 4px 4px rgb(62, 223,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1473, 0.3019, 0.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 223, 62) }
```

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

```
.background{ background-color: rgb(62, 223,  
62) }
```

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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