

Converting Colors

Yxy(52.6186, 0.3015, 0.5525)

Have a look what the booklet for
Yxy(52.6186, 0.3015, 0.5525)
contains.

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Color

Yxy(52.7155, 0.3015, 0.5522)

Conversions

Conversions Part 1

Format	Color
Hex	41DC43
RGB	65, 220, 67
RGB Percent	25%, 86%, 26%
CMY	0.7454, 0.1372, 0.7373
CMYK	0.70, 0.00, 0.70, 0.14
HSL	121°, 69%, 56%
HSV	121°, 70%, 86%
XYZ	28.7825, 52.7155, 13.9665
YIQ	156.2130, -43.2670, -80.4430

Conversions

Conversions Part 2

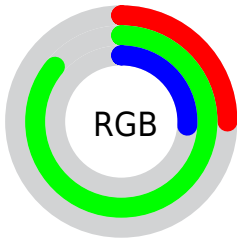
Format	Color
RYB	65, 218, 220
Decimal	4316227
CIELab	77.71, -68.14, 60.70
CIELCh	78, 91.258, 138.307
Yxy	52.7155, 0.3015, 0.5522
Android (android.graphics.Color)	4282506307 (0xFF41DC43)
YUV	156.2130, -43.9820, -79.9938
Hunter-Lab	72.6054, -56.2978, 39.4187

Details

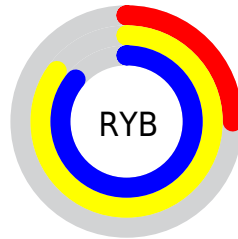
The Yxy color **52.7155, 0.3015, 0.5522** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **24.0487, 0.3222, 0.1759**, and the grayscale version is **33.5526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9366, 0.3099, 0.4928**, and **26.1944, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **51.8948, 0.3005, 0.5762**, and if you desaturate by 10%, it is **53.9303, 0.3028, 0.5216**.

Distribution



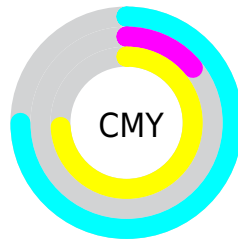
- Red (25%)
- Green (86%)
- Blue (26%)



- Red (25%)
- Yellow (85%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (14%)





- Cyan (75%)
- Magenta (14%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7155, 0.3015, 0.5522 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 52.7155, 0.3015, 0.5522 by changing the saturation by 10% instead.


 52.7155, 0.3015,
0.5522

 52.7155, 0.3015,
0.5522


397.1927, 0.3154,
0.4346


 37.5757, 0.2951,
0.5817


 94.1856, 0.3087,
0.5089


 25.6535, 0.2851,
0.6189


 121.2847, 0.3108,
0.4928


 16.5646, 0.2690,
0.6660


 153.1390, 0.3122,
0.4792

 9.9246, 0.2448,
0.7330

 190.1329, 0.3133,
0.4676

 5.3490, 0.1982,
0.8018

 232.6509, 0.3141,
0.4576

 2.4534, 0.0752,
0.9248

281.0772, 0.3146,

 0.8532, 0.0000,

0.4489

1.0000

335.7963, 0.3151,
0.4414

■ 0.0000, 0.0000,
0.0000

■ 52.7155, 0.3015,
0.5522

■ 52.7155, 0.3015,
0.5522

■ 51.8948, 0.3005,
0.5762

■ 53.9303, 0.3028,
0.5216

■ 51.4140, 0.3000,
0.5919


■ 55.5727, 0.3045,
0.4872


■ 51.1975, 0.2998,
0.5993

■ 57.6802, 0.3062,
0.4515


■ 60.2842, 0.3080,
0.4169

■ 63.4136, 0.3097,
0.3847

 67.0950, 0.3112,
0.3557

 71.3531, 0.3127,
0.3302

 76.2112, 0.3139,
0.3080

 79.6711, 0.3143,
0.2950

Harmonies

Analogous

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



52.7155, 0.4074, 0.5346



52.7155, 0.3015, 0.5522



52.7155, 0.2036, 0.4535

Triad

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



52.7155, 0.3015, 0.5522



52.7155, 0.1398, 0.1693



52.7155, 0.5146, 0.3022

Complementary

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



52.7155, 0.3015, 0.5522



24.0487, 0.3222, 0.1759

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.



52.7155, 0.4085, 0.2359



52.7155, 0.3015, 0.5522



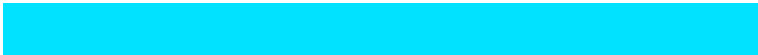
52.7155, 0.1909, 0.1635

Square

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



52.7155, 0.3015, 0.5522



52.7155, 0.1237, 0.2122



52.7155, 0.2835, 0.1868



52.7155, 0.5444, 0.3764

Rectangle

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



52.7155, 0.3015, 0.5522



52.7155, 0.1576, 0.3543



52.7155, 0.2835, 0.1868



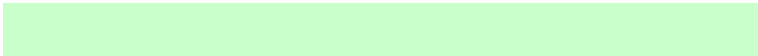
52.7155, 0.4857, 0.2790

Sweetspot

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



52.7177, 0.3015, 0.5522



88.2719, 0.3096, 0.3868



66.7890, 0.4069, 0.4847



18.6202, 0.3091, 0.3955



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.



52.7177, 0.3015, 0.5522



72.0979, 0.3002, 0.5855



54.2796, 0.2690, 0.4468



14.6090, 0.3114, 0.3528



30.0458, 0.2997, 0.5991



1.9475, 0.2990, 0.5963

Inverse Universe

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



24.0487, 0.3222, 0.1759



29.6979, 0.3235, 0.1614



20.9567, 0.4264, 0.2460



13.2717, 0.3140, 0.3063



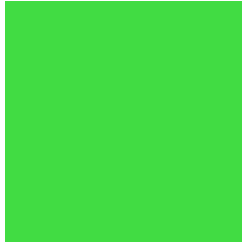
11.8737, 0.3242, 0.1560



0.7702, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 52.7155, 0.3015, 0.5522 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 52.7155, 0.3015, 0.5522 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 52.7155, 0.3015, 0.5522

Background



This preview shows how black text looks on a background with the Yxy color 52.7155, 0.3015, 0.5522.



This preview shows how white text looks on a background with the Yxy color 52.7155, 0.3015, 0.5522.

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

52.7155, 0.3015, 0.5522

Protanopia

51.7235, 0.4251, 0.4692

Deuteranopia

51.4747, 0.4419, 0.4325



Tritanopia

52.1247, 0.2419, 0.3060

Trichromacy



Original Color

52.7155, 0.3015, 0.5522



Protanomaly

49.9598, 0.3683, 0.5070



Deuteranomaly

48.5507, 0.3789, 0.4806



Tritanomaly

51.1217, 0.2650, 0.3945

Monochromacy



Original Color

52.7155, 0.3015, 0.5522



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

37.9064, 0.3077, 0.4177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7155, 0.3015, 0.5522 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(65, 220, 67)` looks like.

```
.text, #text, p{  
    color:rgb(65, 220, 67)  
}
```

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(65, 220, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 220, 67) }
```

Border

The CSS property to change the border of an element to Yxy 52.7155, 0.3015, 0.5522 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(65, 220, 67) }
```

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

```
.border{ border-color:rgb(65, 220, 67) }
```

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

Here you see how a box with a 4 pixel rgb(65, 220, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 220, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 220, 67);  
box-shadow:4px 4px 4px 4px rgb(65, 220,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7155, 0.3015, 0.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 220, 67) }
```

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

```
.background{ background-color: rgb(65, 220,  
67) }
```

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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