

Converting Colors

Yxy(51.9057, 0.3328, 0.5274)

Have a look what the booklet for
Yxy(51.9057, 0.3328, 0.5274)
contains.

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Color

Yxy(52.1434, 0.3326, 0.5277)

Conversions

Conversions Part 1

Format	Color
Hex	7AD544
RGB	122, 213, 68
RGB Percent	48%, 84%, 27%
CMY	0.5215, 0.1647, 0.7332
CMYK	0.43, 0.00, 0.68, 0.16
HSL	98°, 63%, 55%
HSV	98°, 68%, 84%
XYZ	32.8651, 52.1434, 13.8041
YIQ	169.2610, -7.6910, -64.3870

Conversions

Conversions Part 2

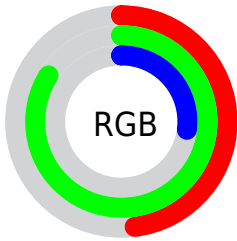
Format	Color
RYB	68, 213, 159
Decimal	8049988
CIELab	77.37, -51.50, 60.50
CIElCh	77, 79.455, 130.404
Yxy	52.1434, 0.3326, 0.5277
Android (android.graphics.Color)	4286240068 (0xFF7AD544)
YUV	169.2610, -49.9217, -41.4479
Hunter-Lab	72.2104, -45.1276, 39.2131

Details

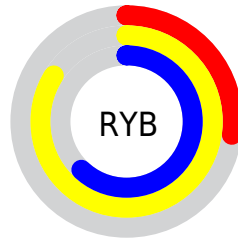
The Yxy color **52.1434, 0.3326, 0.5277** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **16.3136, 0.2597, 0.1493**, and the grayscale version is **40.0703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6534, 0.3373, 0.4793**, and **25.1381, 0.3244, 0.5806** is the 20% darker color. If you saturate the color by 10%, you get **51.0212, 0.3305, 0.5517**, and if you desaturate by 10%, it is **53.4988, 0.3329, 0.4994**.

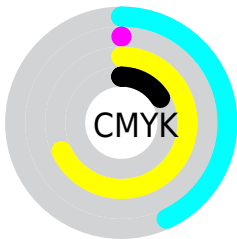
Distribution



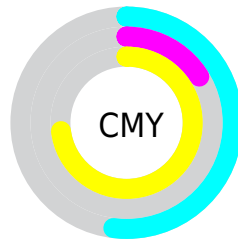
- Red (48%)
- Green (84%)
- Blue (27%)



- Red (27%)
- Yellow (84%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (68%)
- Black (16%)



- Cyan (52%)
- Magenta (16%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1434, 0.3326, 0.5277 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 52.1434, 0.3326, 0.5277 by changing the saturation by 10% instead.


 52.1434, 0.3326,
0.5277


 52.1434, 0.3326,
0.5277

394.9900, 0.3301,
0.4251

 37.1194, 0.3303,
0.5528


 93.3427, 0.3338,
0.4905

 25.2999, 0.3257,
0.5840


 120.2868, 0.3336,
0.4764


 16.3007, 0.3165,
0.6232


 151.9730, 0.3331,
0.4645

 9.7372, 0.3018,
0.6791

 188.7857, 0.3326,
0.4543

 5.2250, 0.2655,
0.7345

 231.1094, 0.3320,
0.4455

 2.3799, 0.1933,
0.8067

279.3284, 0.3314,

 0.8155, 0.0000,

0.4378

1.0000

333.8271, 0.3307,
0.4311

■ 0.0000, 0.0000,
0.0000

■ 52.1434, 0.3326,
0.5277

■ 52.1434, 0.3326,
0.5277

■ 51.0212, 0.3305,
0.5517

■ 53.4988, 0.3329,
0.4994

■ 50.1093, 0.3266,
0.5699

■ 55.0949, 0.3316,
0.4685

■ 49.3883, 0.3215,
0.5818

■ 56.9470, 0.3289,
0.4368

■ 49.2657, 0.3205,
0.5837

■ 59.0671, 0.3253,
0.4058

■ 61.4661, 0.3211,
0.3764

■ 64.1546, 0.3165,
0.3491

■ 67.1424, 0.3118,
0.3244

■ 70.4388, 0.3072,
0.3022

■ 73.7448, 0.3057,
0.2869

Harmonies

Analogous

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



52.1434, 0.4260, 0.4998



52.1434, 0.3326, 0.5277



52.1434, 0.2390, 0.4661

Triad

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



52.1434, 0.3326, 0.5277



52.1434, 0.1489, 0.1924



52.1434, 0.4703, 0.2906

Complementary

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



52.1434, 0.3326, 0.5277



16.3136, 0.2597, 0.1493

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.



52.1434, 0.3679, 0.2320



52.1434, 0.3326, 0.5277



52.1434, 0.1877, 0.1778

Square

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



52.1434, 0.3326, 0.5277



52.1434, 0.1427, 0.2447



52.1434, 0.2623, 0.1923



52.1434, 0.5187, 0.3585

Rectangle

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



52.1434, 0.3326, 0.5277



52.1434, 0.1896, 0.3859



52.1434, 0.2623, 0.1923



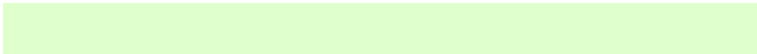
52.1434, 0.4399, 0.2696

Sweetspot

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



52.1456, 0.3326, 0.5277



91.5662, 0.3220, 0.3825



38.8227, 0.4500, 0.4301



19.3761, 0.3232, 0.3908



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.



52.1456, 0.3326, 0.5277



75.9840, 0.3289, 0.5612



49.4744, 0.2961, 0.5266



14.1189, 0.3171, 0.3527



30.1465, 0.3215, 0.5830



1.8647, 0.3352, 0.5720

Inverse Universe

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



16.3136, 0.2597, 0.1493



18.5293, 0.2447, 0.1220



22.2730, 0.3396, 0.1916



12.3909, 0.3079, 0.3056



6.0746, 0.2298, 0.1040



0.4128, 0.2456, 0.1127

Previews

White Background



This preview shows how the Yxy color 52.1434, 0.3326, 0.5277 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 52.1434, 0.3326, 0.5277 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 52.1434, 0.3326, 0.5277

Background



This preview shows how black text looks on a background with the Yxy color 52.1434, 0.3326, 0.5277.



This preview shows how white text looks on a background with the Yxy color 52.1434, 0.3326, 0.5277.

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

52.1434, 0.3326, 0.5277

Protanopia

51.3208, 0.4246, 0.4664

Deuteranopia

51.4451, 0.4432, 0.4340



Tritanopia

51.7729, 0.2640, 0.3080

Trichromacy



Original Color

52.1434, 0.3326, 0.5277



Protanomaly

50.4616, 0.3882, 0.4904



Deuteranomaly

50.2500, 0.3997, 0.4688



Tritanomaly

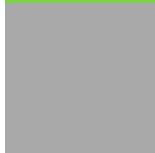
51.1127, 0.2921, 0.3885

Monochromacy



Original Color

52.1434, 0.3326, 0.5277



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

43.0393, 0.3257, 0.4067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1434, 0.3326, 0.5277 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(122, 213, 68)` looks like.

```
.text, #text, p{  
    color:rgb(122, 213, 68)  
}
```

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(122, 213, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 213, 68) }
```

Border

The CSS property to change the border of an element to Yxy 52.1434, 0.3326, 0.5277 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(122, 213, 68) }
```

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

```
.border{ border-color:rgb(122, 213, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 213, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 213, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 213, 68);  
box-shadow:4px 4px 4px 4px rgb(122, 213,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1434, 0.3326, 0.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 213, 68) }
```

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

```
.background{ background-color: rgb(122,  
213, 68) }
```

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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