

Converting Colors

Yxy(52.5793, 0.3334, 0.4477)

Have a look what the booklet for
Yxy(52.5793, 0.3334, 0.4477)
contains.

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Color

Yxy(52.5666, 0.3331, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	9CCE78
RGB	156, 206, 120
RGB Percent	61%, 81%, 47%
CMY	0.3883, 0.1921, 0.5293
CMYK	0.24, 0.00, 0.42, 0.19
HSL	95°, 47%, 64%
HSV	95°, 42%, 81%
XYZ	39.1721, 52.5666, 25.8599
YIQ	181.2460, -2.1940, -37.3460

Conversions

Conversions Part 2

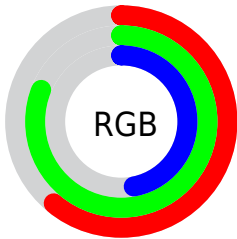
Format	Color
RYB	120, 206, 170
Decimal	10276472
CIELab	77.62, -31.44, 37.55
CIELCh	78, 48.975, 129.932
Yxy	52.5666, 0.3331, 0.4470
Android (android.graphics.Color)	4288466552 (0xFF9CCE78)
YUV	181.2460, -30.1943, -22.1407
Hunter-Lab	72.5028, -30.4393, 29.6047

Details

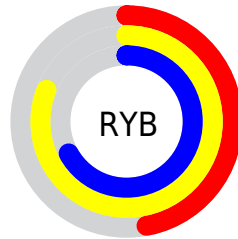
The Yxy color **52.5666, 0.3331, 0.4470** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **26.4474, 0.2810, 0.2158**, and the grayscale version is **46.5177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5342, 0.3325, 0.4178**, and **25.4590, 0.3352, 0.4804** is the 20% darker color. If you saturate the color by 10%, you get **50.9841, 0.3360, 0.4778**, and if you desaturate by 10%, it is **54.3792, 0.3291, 0.4162**.

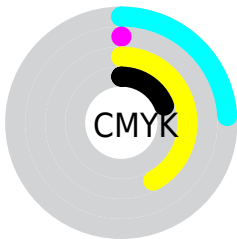
Distribution



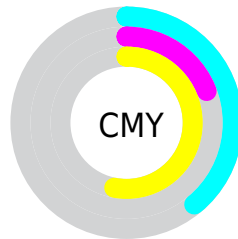
- Red (61%)
- Green (81%)
- Blue (47%)



- Red (47%)
- Yellow (81%)
- Blue (67%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)
- Black (19%)



- Cyan (39%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5666, 0.3331, 0.4470 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 52.5666, 0.3331, 0.4470 by changing the saturation by 10% instead.

■ 52.5666, 0.3331,
0.4470

■ 52.5666, 0.3331,
0.4470

396.6201, 0.3253,
0.3865

■ 37.4569, 0.3342,
0.4623

■ 93.9663, 0.3309,
0.4248

■ 25.5614, 0.3349,
0.4819

■ 121.0251, 0.3299,
0.4165

■ 16.4958, 0.3350,
0.5078

■ 152.8358, 0.3290,
0.4096

■ 9.8757, 0.3330,
0.5432

189.7826, 0.3281,
0.4036

■ 5.3166, 0.3265,
0.5948

232.2501, 0.3273,
0.3985

■ 2.4342, 0.3134,
0.6866

280.6226, 0.3266,

■ 0.8434, 0.0390,

0.3940

0.9610

335.2844, 0.3259,
0.3900

0.0000, 0.0000,
0.0000

52.5666, 0.3331,
0.4470

52.5666, 0.3331,
0.4470

50.9841, 0.3360,
0.4778

54.3792, 0.3291,
0.4162

49.6145, 0.3373,
0.5072

56.4247, 0.3243,
0.3865

48.4488, 0.3369,
0.5335


58.7143, 0.3190,
0.3587


47.4743, 0.3344,
0.5550

61.2566, 0.3137,
0.3332


46.6764, 0.3301,
0.5706


64.0595, 0.3083,
0.3101

 46.1314, 0.3257,
0.5796

 67.1307, 0.3031,
0.2894

 69.8685, 0.3041,
0.2795

 72.0341, 0.3127,
0.2808

 72.6248, 0.3150,
0.2811

Harmonies

Analogous

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



52.5666, 0.3934, 0.4411



52.5666, 0.3331, 0.4470



52.5666, 0.2705, 0.4092

Triad

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



52.5666, 0.3331, 0.4470



52.5666, 0.2017, 0.2411



52.5666, 0.4091, 0.3067

Complementary

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



52.5666, 0.3331, 0.4470



26.4474, 0.2810, 0.2158

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.



52.5666, 0.3477, 0.2646



52.5666, 0.3331, 0.4470



52.5666, 0.2300, 0.2274

Square

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



52.5666, 0.3331, 0.4470



52.5666, 0.1988, 0.2804



52.5666, 0.2814, 0.2364



52.5666, 0.4418, 0.3559

Rectangle

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



52.5666, 0.3331, 0.4470



52.5666, 0.2360, 0.3660



52.5666, 0.2814, 0.2364



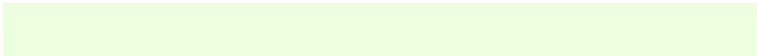
52.5666, 0.3907, 0.2915

Sweetspot

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



52.5689, 0.3331, 0.4470



94.5703, 0.3198, 0.3625



42.7619, 0.3925, 0.3905



20.0598, 0.3210, 0.3686



0.0000, 0.0000, 0.0000



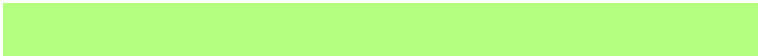
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.5689, 0.3331, 0.4470



82.8690, 0.3357, 0.4744



49.6403, 0.3033, 0.4485



12.7624, 0.3178, 0.3525



28.4591, 0.3268, 0.5787



1.5124, 0.3425, 0.5662

Inverse Universe

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



26.4474, 0.2810, 0.2158



35.0384, 0.2720, 0.1907



30.7456, 0.3233, 0.2331



11.1609, 0.3072, 0.3057



5.2535, 0.2199, 0.0985



0.3150, 0.2393, 0.1092

Previews

White Background



This preview shows how the Yxy color 52.5666, 0.3331, 0.4470 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 52.5666, 0.3331, 0.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

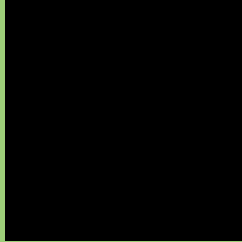
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5666, 0.3331, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 52.5666, 0.3331, 0.4470.



This preview shows how white text looks on a background with the Yxy color 52.5666, 0.3331, 0.4470.

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

52.5666, 0.3331, 0.4470

Protanopia

52.0318, 0.3886, 0.4216

Deuteranopia

52.1706, 0.4032, 0.3949



Tritanopia

52.2794, 0.2826, 0.3087

Trichromacy



Original Color

52.5666, 0.3331, 0.4470



Protanomaly

51.6880, 0.3678, 0.4308



Deuteranomaly

51.3882, 0.3764, 0.4130



Tritanomaly

52.0605, 0.3014, 0.3569

Monochromacy



Original Color

52.5666, 0.3331, 0.4470



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.1008, 0.3215, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5666, 0.3331, 0.4470 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(156, 206, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 206, 120)  
}
```

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(156, 206, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 206, 120) }
```

Border

The CSS property to change the border of an element to Yxy 52.5666, 0.3331, 0.4470 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(156, 206, 120) }
```

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

```
.border{ border-color:rgb(156, 206, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 206, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 206, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 206, 120);  
box-shadow:4px 4px 4px 4px rgb(156, 206,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5666, 0.3331, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 206, 120) }
```

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

```
.background{ background-color: rgb(156,  
206, 120) }
```

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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