

Converting Colors

Yxy(53.3039, 0.3338, 0.4462)

Have a look what the booklet for
Yxy(53.3039, 0.3338, 0.4462)
contains.

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Color

Yxy(53.2752, 0.3338, 0.4462)

Conversions

Conversions Part 1

Format	Color
Hex	9ECF79
RGB	158, 207, 121
RGB Percent	62%, 81%, 47%
CMY	0.3806, 0.1882, 0.5255
CMYK	0.24, 0.00, 0.42, 0.19
HSL	94°, 47%, 64%
HSV	94°, 42%, 81%
XYZ	39.8549, 53.2752, 26.2675
YIQ	182.5450, -1.5980, -37.1340

Conversions

Conversions Part 2

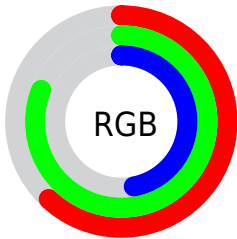
Format	Color
RYB	121, 207, 170
Decimal	10407801
CIELab	78.04, -31.09, 37.63
CIElCh	78, 48.813, 129.566
Yxy	53.2752, 0.3338, 0.4462
Android (android.graphics.Color)	4288597881 (0xFF9ECF79)
YUV	182.5450, -30.3417, -21.5260
Hunter-Lab	72.9899, -30.2653, 29.7557

Details

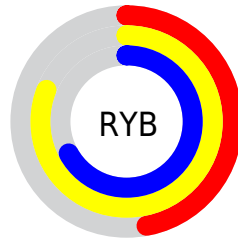
The Yxy color **53.2752, 0.3338, 0.4462** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **26.7317, 0.2802, 0.2159**, and the grayscale version is **47.2558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8721, 0.3332, 0.4164**, and **25.8417, 0.3359, 0.4811** is the 20% darker color. If you saturate the color by 10%, you get **51.6829, 0.3369, 0.4769**, and if you desaturate by 10%, it is **55.0962, 0.3296, 0.4155**.

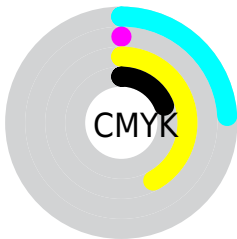
Distribution



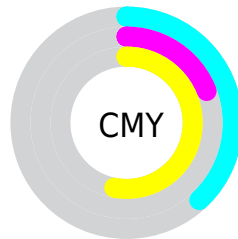
- Red (62%)
- Green (81%)
- Blue (47%)



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



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





- Cyan (38%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2752, 0.3338, 0.4462 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 53.2752, 0.3338, 0.4462 by changing the saturation by 10% instead.

 53.2752, 0.3338,
0.4462

 53.2752, 0.3338,
0.4462


399.3401, 0.3257,
0.3863

 38.0225, 0.3349,
0.4613


 95.0092, 0.3315,
0.4243

 26.0002, 0.3359,
0.4806

 122.2593, 0.3304,
0.4161

 16.8238, 0.3361,
0.5061


 154.2773, 0.3294,
0.4092

 10.1089, 0.3344,
0.5408

191.4476, 0.3285,
0.4033

 5.4712, 0.3283,
0.5908

234.1547, 0.3277,
0.3982

 2.5263, 0.3175,
0.6825

282.7829, 0.3270,

 0.8898, 0.0888,

0.3937

0.9112

337.7165, 0.3263,
0.3898

0.0000, 0.0000,
0.0000

53.2752, 0.3338,
0.4462

53.2752, 0.3338,
0.4462

51.6829, 0.3369,
0.4769

55.0962, 0.3296,
0.4155

50.3020, 0.3384,
0.5062

57.1486, 0.3246,
0.3859

49.1237, 0.3381,
0.5323


59.4434, 0.3192,
0.3582

48.1354, 0.3358,
0.5538


61.9891, 0.3136,
0.3328


47.3227, 0.3316,
0.5694


64.7936, 0.3080,
0.3097

 46.7540, 0.3270,
0.5785

 67.8645, 0.3027,
0.2890

 70.4868, 0.3046,
0.2806

 72.6286, 0.3131,
0.2819

 73.1144, 0.3149,
0.2821

Harmonies

Analogous

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



53.2752, 0.3935, 0.4399



53.2752, 0.3338, 0.4462



53.2752, 0.2715, 0.4092

Triad

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



53.2752, 0.3338, 0.4462



53.2752, 0.2023, 0.2421



53.2752, 0.4077, 0.3063

Complementary

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



53.2752, 0.3338, 0.4462



26.7317, 0.2802, 0.2159

Split Complementary

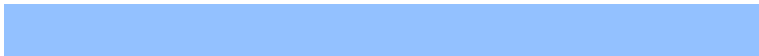
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2752, 0.3466, 0.2646



53.2752, 0.3338, 0.4462



53.2752, 0.2301, 0.2281

Square

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



53.2752, 0.3338, 0.4462



53.2752, 0.1997, 0.2815



53.2752, 0.2809, 0.2368



53.2752, 0.4406, 0.3552

Rectangle

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



53.2752, 0.3338, 0.4462



53.2752, 0.2371, 0.3665



53.2752, 0.2809, 0.2368



53.2752, 0.3894, 0.2913

Sweetspot

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



53.2775, 0.3338, 0.4462



95.0216, 0.3195, 0.3598



43.2999, 0.3921, 0.3902



20.2303, 0.3202, 0.3634



0.0000, 0.0000, 0.0000



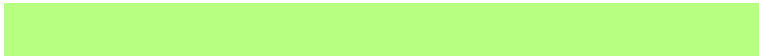
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2775, 0.3338, 0.4462



83.0423, 0.3366, 0.4740



50.2237, 0.3034, 0.4479



13.4509, 0.3180, 0.3526



29.5049, 0.3280, 0.5777



1.6961, 0.3427, 0.5661

Inverse Universe

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



26.7317, 0.2802, 0.2159



34.8405, 0.2708, 0.1902



31.1705, 0.3232, 0.2335



11.7457, 0.3070, 0.3056



5.3260, 0.2174, 0.0971



0.3441, 0.2359, 0.1073

Previews

White Background



This preview shows how the Yxy color 53.2752, 0.3338, 0.4462 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 53.2752, 0.3338, 0.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

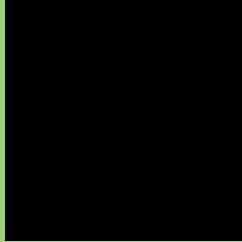
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2752, 0.3338, 0.4462

Background



This preview shows how black text looks on a background with the Yxy color 53.2752, 0.3338, 0.4462.



This preview shows how white text looks on a background with the Yxy color 53.2752, 0.3338, 0.4462.

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

53.2752, 0.3338, 0.4462

Protanopia

52.6387, 0.3882, 0.4212

Deuteranopia

52.7763, 0.4028, 0.3947



Tritanopia

53.0040, 0.2834, 0.3089

Trichromacy



Original Color

53.2752, 0.3338, 0.4462



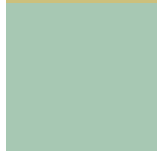
Protanomaly

52.2932, 0.3675, 0.4303



Deuteranomaly

51.9919, 0.3761, 0.4127



Tritanomaly

52.7787, 0.3022, 0.3567

Monochromacy



Original Color

53.2752, 0.3338, 0.4462



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.2360, 0.3221, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2752, 0.3338, 0.4462 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(158, 207, 121)` looks like.

```
.text, #text, p{  
    color:rgb(158, 207, 121)  
}
```

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(158, 207, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 207, 121) }
```

Border

The CSS property to change the border of an element to Yxy 53.2752, 0.3338, 0.4462 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(158, 207, 121) }
```

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

```
.border{ border-color:rgb(158, 207, 121) }
```

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

Here you see how a box with a 4 pixel rgb(158, 207, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 207, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 207, 121);  
box-shadow:4px 4px 4px 4px rgb(158, 207,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2752, 0.3338, 0.4462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 207, 121) }
```

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

```
.background{ background-color: rgb(158,  
207, 121) }
```

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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