

Converting Colors

Yxy(54.1588, 0.3030, 0.4352)

Have a look what the booklet for
Yxy(54.1588, 0.3030, 0.4352)
contains.

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Color

Yxy(54.2488, 0.3031, 0.4357)

Conversions

Conversions Part 1

Format	Color
Hex	83D58A
RGB	131, 213, 138
RGB Percent	51%, 84%, 54%
CMY	0.4863, 0.1647, 0.4589
CMYK	0.39, 0.00, 0.35, 0.16
HSL	125°, 49%, 67%
HSV	125°, 39%, 84%
XYZ	37.7388, 54.2488, 32.5219
YIQ	179.9320, -24.7970, -40.7090

Conversions

Conversions Part 2

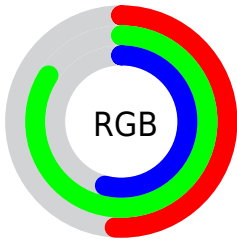
Format	Color
RYB	131, 207, 213
Decimal	8639882
CIELab	78.61, -40.29, 29.42
CIElCh	79, 49.891, 143.859
Yxy	54.2488, 0.3031, 0.4357
Android (android.graphics.Color)	4286829962 (0xFF83D58A)
YUV	179.9320, -20.6725, -42.9134
Hunter-Lab	73.6538, -37.4340, 25.3781

Details

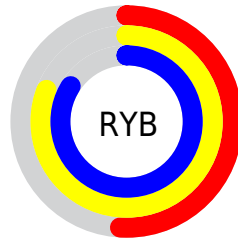
The Yxy color **54.2488, 0.3031, 0.4357** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.8314, 0.3239, 0.2416**, and the grayscale version is **45.7248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8906, 0.3064, 0.4002**, and **26.6783, 0.2976, 0.4690** is the 20% darker color. If you saturate the color by 10%, you get **52.2073, 0.3009, 0.4690**, and if you desaturate by 10%, it is **56.7457, 0.3056, 0.4040**.

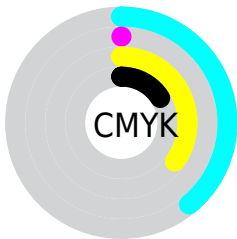
Distribution



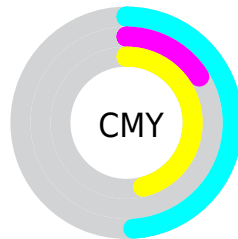
- Red (51%)
- Green (84%)
- Blue (54%)



- Red (51%)
- Yellow (81%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2488, 0.3031, 0.4357 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 54.2488, 0.3031, 0.4357 by changing the saturation by 10% instead.

 54.2488, 0.3031,
0.4357

 54.2488, 0.3031,
0.4357


403.0581, 0.3096,
0.3806


 38.8006, 0.3009,
0.4499


 96.4395, 0.3058,
0.4153

 26.6046, 0.2979,
0.4682


 123.9507, 0.3068,
0.4078

 17.2765, 0.2932,
0.4930


 156.2518, 0.3075,
0.4015

 10.4318, 0.2856,
0.5277

193.7270, 0.3081,
0.3961

 5.6862, 0.2720,
0.5795

236.7609, 0.3085,
0.3914

 2.6552, 0.2567,
0.6947

285.7378, 0.3089,

 0.9545, 0.0000,

0.3874

1.0000

341.0420, 0.3093,
0.3838

0.0000, 0.0000,
0.0000

54.2488, 0.3031,
0.4357

54.2488, 0.3031,
0.4357

52.2073, 0.3009,
0.4690

56.7457, 0.3056,
0.4040

50.5872, 0.2991,
0.5024

59.7159, 0.3081,
0.3748

49.3612, 0.2979,
0.5337


63.1845, 0.3107,
0.3487

48.4952, 0.2974,
0.5605


67.1731, 0.3131,
0.3258

47.9499, 0.2977,
0.5809

71.7019, 0.3153,
0.3058

 47.6676, 0.2986,
0.5937

 76.0646, 0.3147,
0.2882

 47.6369, 0.2986,
0.5950

 76.0726, 0.3146,
0.2881

Harmonies

Analogous

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



54.2488, 0.3672, 0.4498



54.2488, 0.3031, 0.4357



54.2488, 0.2449, 0.3803

Triad

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



54.2488, 0.3031, 0.4357



54.2488, 0.2111, 0.2310



54.2488, 0.4299, 0.3290

Complementary

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



54.2488, 0.3031, 0.4357



34.8314, 0.3239, 0.2416

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.



54.2488, 0.3788, 0.2824



54.2488, 0.3031, 0.4357



54.2488, 0.2508, 0.2283

Square

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



54.2488, 0.3031, 0.4357



54.2488, 0.1961, 0.2584



54.2488, 0.3112, 0.2468



54.2488, 0.4443, 0.3793

Rectangle

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



54.2488, 0.3031, 0.4357



54.2488, 0.2171, 0.3337



54.2488, 0.3112, 0.2468



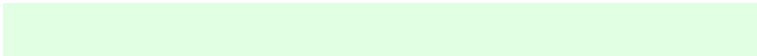
54.2488, 0.4162, 0.3127

Sweetspot

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



54.2511, 0.3031, 0.4357



92.9781, 0.3098, 0.3578



62.3773, 0.3646, 0.4259



19.7524, 0.3094, 0.3612



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.



54.2511, 0.3031, 0.4357



79.0270, 0.3013, 0.4622



55.6642, 0.2788, 0.3759



13.9130, 0.3104, 0.3510



29.1025, 0.2983, 0.5939



1.7614, 0.2934, 0.5761

Inverse Universe

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



34.8314, 0.3239, 0.2416



45.9423, 0.3266, 0.2247



33.0975, 0.3674, 0.2871



12.6136, 0.3151, 0.3080



11.0500, 0.3435, 0.1666



0.6720, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 54.2488, 0.3031, 0.4357 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 54.2488, 0.3031, 0.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

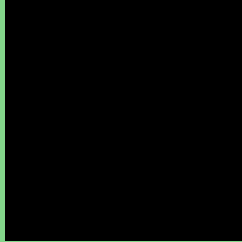
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2488, 0.3031, 0.4357

Background



This preview shows how black text looks on a background with the Yxy color 54.2488, 0.3031, 0.4357.



This preview shows how white text looks on a background with the Yxy color 54.2488, 0.3031, 0.4357.

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

54.2488, 0.3031, 0.4357

Protanopia

53.4533, 0.3765, 0.4051

Deuteranopia

53.6254, 0.3842, 0.3775



Tritanopia

54.0294, 0.2635, 0.3084

Trichromacy



Original Color

54.2488, 0.3031, 0.4357



Protanomaly

52.8258, 0.3465, 0.4165



Deuteranomaly

52.7703, 0.3513, 0.3977



Tritanomaly

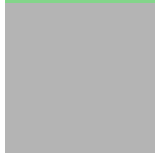
54.0061, 0.2775, 0.3518

Monochromacy



Original Color

54.2488, 0.3031, 0.4357



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

48.0973, 0.3086, 0.3661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2488, 0.3031, 0.4357 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(131, 213, 138)` looks like.

```
.text, #text, p{  
    color:rgb(131, 213, 138)  
}
```

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(131, 213, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 213, 138) }
```

Border

The CSS property to change the border of an element to Yxy 54.2488, 0.3031, 0.4357 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(131, 213, 138) }
```

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

```
.border{ border-color:rgb(131, 213, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 213, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 213, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 213, 138); box-shadow:4px 4px 4px 4px rgb(131, 213, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2488, 0.3031, 0.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 213, 138) }
```

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

```
.background{ background-color: rgb(131,  
213, 138) }
```

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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