

Converting Colors

$Yxy(54.1280, 0.3267, 0.4397)$

Have a look what the booklet for
Yxy(54.1280, 0.3267, 0.4397)
contains.

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Color

Yxy(54.1280, 0.3267, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	9BD180
RGB	155, 209, 128
RGB Percent	61%, 82%, 50%
CMY	0.3921, 0.1804, 0.4980
CMYK	0.26, 0.00, 0.39, 0.18
HSL	100°, 47%, 66%
HSV	100°, 39%, 82%
XYZ	40.2175, 54.1280, 28.7567
YIQ	183.6200, -6.1830, -36.6390

Conversions

Conversions Part 2

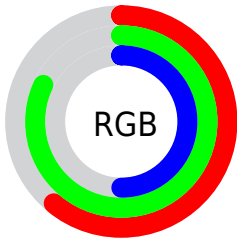
Format	Color
RYB	128, 209, 182
Decimal	10211712
CIELab	78.54, -32.11, 34.68
CIELCh	79, 47.260, 132.802
Yxy	54.1280, 0.3267, 0.4397
Android (android.graphics.Color)	4288401792 (0xFF9BD180)
YUV	183.6200, -27.4207, -25.0997
Hunter-Lab	73.5717, -31.1748, 28.3258

Details

The Yxy color **54.1280, 0.3267, 0.4397** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.9932, 0.2905, 0.2262**, and the grayscale version is **47.8724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7463, 0.3268, 0.4081**, and **26.4718, 0.3281, 0.4726** is the 20% darker color. If you saturate the color by 10%, you get **52.3352, 0.3287, 0.4718**, and if you desaturate by 10%, it is **56.1979, 0.3238, 0.4082**.

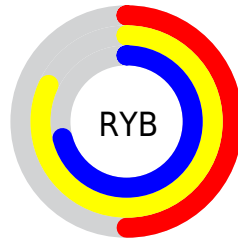
Distribution



Red (61%)

Green (82%)

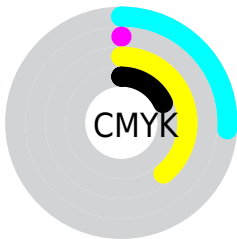
Blue (50%)



Red (50%)

Yellow (82%)

Blue (71%)

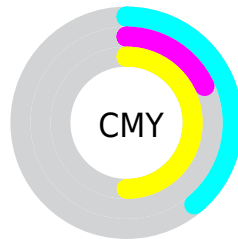


Cyan (26%)

Magenta (0%)

Yellow (39%)

Black (18%)



Cyan (39%)


Magenta (18%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1280, 0.3267, 0.4397 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 54.1280, 0.3267, 0.4397 by changing the saturation by 10% instead.


 54.1280, 0.3267,
0.4397


 54.1280, 0.3267,
0.4397


402.5979, 0.3218,
0.3831

 38.7040, 0.3272,
0.4540


 96.2622, 0.3254,
0.4190

 26.5295, 0.3274,
0.4724


 123.7411, 0.3248,
0.4112

 17.2202, 0.3268,
0.4968


 156.0072, 0.3242,
0.4047

 10.3916, 0.3244,
0.5303

193.4447, 0.3237,
0.3991

 5.6594, 0.3175,
0.5786

236.4382, 0.3231,
0.3943

 2.6391, 0.3144,
0.6856

285.3720, 0.3227,

 0.9464, 0.1078,

0.3901

0.8922

340.6304, 0.3222,
0.3864

0.0000, 0.0000,
0.0000

54.1280, 0.3267,
0.4397

54.1280, 0.3267,
0.4397

52.3352, 0.3287,
0.4718

56.1979, 0.3238,
0.4082

50.8001, 0.3295,
0.5031

58.5494, 0.3202,
0.3784

49.5116, 0.3287,
0.5318


61.1958, 0.3163,
0.3509


48.4548, 0.3262,
0.5558


64.1472, 0.3122,
0.3260

47.6129, 0.3223,
0.5739

67.4133, 0.3081,
0.3037

 46.9623, 0.3172,
0.5855

 71.0035, 0.3042,
0.2840

 46.8910, 0.3166,
0.5868

 73.6188, 0.3131,
0.2839

 74.0812, 0.3148,
0.2841

Harmonies

Analogous

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



54.1280, 0.3854, 0.4384



54.1280, 0.3267, 0.4397



54.1280, 0.2673, 0.3999

Triad

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



54.1280, 0.3267, 0.4397



54.1280, 0.2076, 0.2425



54.1280, 0.4092, 0.3122

Complementary

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



54.1280, 0.3267, 0.4397



29.9932, 0.2905, 0.2262

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.



54.1280, 0.3524, 0.2705



54.1280, 0.3267, 0.4397



54.1280, 0.2372, 0.2313

Square

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



54.1280, 0.3267, 0.4397



54.1280, 0.2025, 0.2781



54.1280, 0.2886, 0.2418



54.1280, 0.4371, 0.3600

Rectangle

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



54.1280, 0.3267, 0.4397



54.1280, 0.2352, 0.3581



54.1280, 0.2886, 0.2418



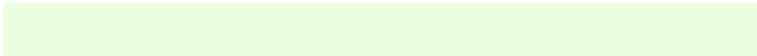
54.1280, 0.3926, 0.2973

Sweetspot

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



54.1303, 0.3267, 0.4397



94.5178, 0.3176, 0.3600



48.0232, 0.3826, 0.3939



20.1121, 0.3181, 0.3636



0.0000, 0.0000, 0.0000



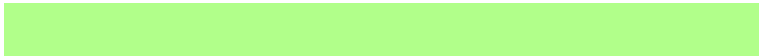
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1303, 0.3267, 0.4397



82.6702, 0.3284, 0.4647



52.0904, 0.2999, 0.4285



13.3950, 0.3165, 0.3527



28.9599, 0.3176, 0.5860



1.6623, 0.3321, 0.5745

Inverse Universe

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



29.9932, 0.2905, 0.2262



39.8944, 0.2845, 0.2049



33.0238, 0.3292, 0.2467



11.8035, 0.3085, 0.3057



6.2960, 0.2389, 0.1090



0.3944, 0.2542, 0.1174

Previews

White Background



This preview shows how the Yxy color 54.1280, 0.3267, 0.4397 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 54.1280, 0.3267, 0.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

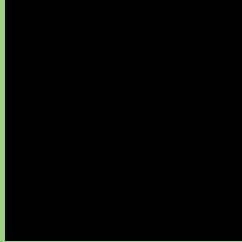
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1280, 0.3267, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 54.1280, 0.3267, 0.4397.

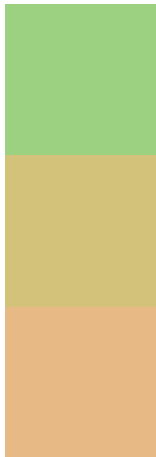


This preview shows how white text looks on a background with the Yxy color 54.1280, 0.3267, 0.4397.

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

54.1280, 0.3267, 0.4397

Protanopia

53.8376, 0.3830, 0.4151

Deuteranopia

53.3803, 0.3965, 0.3881



Tritanopia

54.1369, 0.2803, 0.3102

Trichromacy



Original Color

54.1280, 0.3267, 0.4397

Protanomaly

53.3784, 0.3618, 0.4240

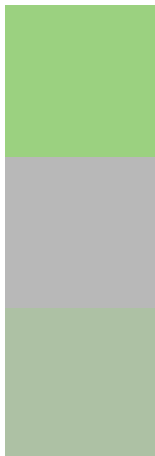
Deuteranomaly

52.9188, 0.3691, 0.4068

Tritanomaly

54.0233, 0.2973, 0.3552

Monochromacy



Original Color

54.1280, 0.3267, 0.4397

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.7045, 0.3182, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1280, 0.3267, 0.4397 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(155, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(155, 209, 128)  
}
```

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(155, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 209, 128) }
```

Border

The CSS property to change the border of an element to Yxy 54.1280, 0.3267, 0.4397 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(155, 209, 128) }
```

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

```
.border{ border-color:rgb(155, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 209, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 209, 128);  
box-shadow:4px 4px 4px 4px rgb(155, 209,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1280, 0.3267, 0.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 209, 128) }
```

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

```
.background{ background-color: rgb(155,  
209, 128) }
```

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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