

Converting Colors

Yxy(54.8084, 0.2963, 0.3935)

Have a look what the booklet for
Yxy(54.8084, 0.2963, 0.3935)
contains.

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Color

Yxy(54.6668, 0.2964, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	90D2A3
RGB	144, 210, 163
RGB Percent	56%, 82%, 64%
CMY	0.4354, 0.1764, 0.3608
CMYK	0.31, 0.00, 0.22, 0.18
HSL	137°, 42%, 69%
HSV	137°, 31%, 82%
XYZ	41.1563, 54.6668, 43.0308
YIQ	184.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

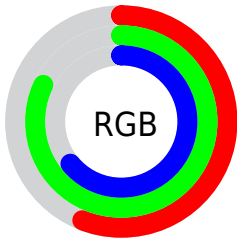
Format	Color
RYB	144, 195, 210
Decimal	9491107
CIELab	78.85, -30.56, 16.76
CIELCh	79, 34.856, 151.255
Yxy	54.6668, 0.2964, 0.3937
Android (android.graphics.Color)	4287681187 (0xFF90D2A3)
YUV	184.9080, -10.8006, -35.8763
Hunter-Lab	73.9370, -30.0295, 17.2495

Details

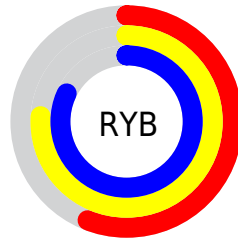
The Yxy color **54.6668, 0.2964, 0.3937** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4054, 0.3344, 0.2721**, and the grayscale version is **48.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7241, 0.2994, 0.3691**, and **26.8145, 0.2911, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **52.4462, 0.2919, 0.4188**, and if you desaturate by 10%, it is **57.3070, 0.3014, 0.3707**.

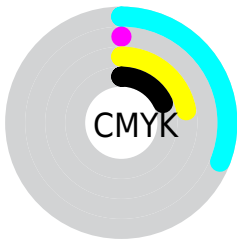
Distribution



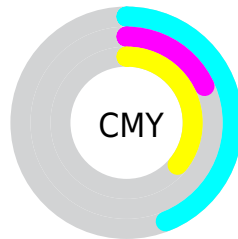
- Red (56%)
- Green (82%)
- Blue (64%)



- Red (56%)
- Yellow (76%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)




- Cyan (44%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6668, 0.2964, 0.3937 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 54.6668, 0.2964, 0.3937 by changing the saturation by 10% instead.


 54.6668, 0.2964,
0.3937


 54.6668, 0.2964,
0.3937

404.6476, 0.3050,
0.3609

 39.1350, 0.2941,
0.4020


 97.0526, 0.2996,
0.3817

 26.8648, 0.2911,
0.4128


 124.6754, 0.3008,
0.3772

 17.4717, 0.2869,
0.4273


157.0973, 0.3018,
0.3734

 10.5714, 0.2809,
0.4477

194.7028, 0.3026,
0.3702

 5.7794, 0.2713,
0.4784

237.8761, 0.3034,
0.3674

 2.7114, 0.2544,
0.5295

287.0018, 0.3040,

 0.9830, 0.1584,

0.3649

0.8416

342.4642, 0.3045,
0.3628

0.0000, 0.0000,
0.0000

54.6668, 0.2964,
0.3937

54.6668, 0.2964,
0.3937

52.4462, 0.2919,
0.4188

57.3070, 0.3014,
0.3707

50.6168, 0.2883,
0.4454

60.3802, 0.3066,
0.3499

49.1569, 0.2858,
0.4728


63.9073, 0.3120,
0.3315

48.0401, 0.2847,
0.4998


67.9062, 0.3172,
0.3152

47.2365, 0.2852,
0.5252

72.3934, 0.3223,
0.3010

 46.7102, 0.2873,
0.5476

 74.4307, 0.3163,
0.2872

 46.4284, 0.2899,
0.5638

 74.5771, 0.3148,
0.2851

Harmonies

Analogous

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



54.6668, 0.3422, 0.4123



54.6668, 0.2964, 0.3937



54.6668, 0.2569, 0.3531

Triad

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



54.6668, 0.2964, 0.3937



54.6668, 0.2451, 0.2564



54.6668, 0.3993, 0.3402

Complementary

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



54.6668, 0.2964, 0.3937



37.4054, 0.3344, 0.2721

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.



54.6668, 0.3694, 0.3041



54.6668, 0.2964, 0.3937



54.6668, 0.2788, 0.2576

Square

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



54.6668, 0.2964, 0.3937



54.6668, 0.2291, 0.2733



54.6668, 0.3242, 0.2748



54.6668, 0.4035, 0.3763

Rectangle

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



54.6668, 0.2964, 0.3937



54.6668, 0.2390, 0.3223



54.6668, 0.3242, 0.2748



54.6668, 0.3919, 0.3278

Sweetspot

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



54.6691, 0.2964, 0.3937



94.8961, 0.3079, 0.3454



59.2256, 0.3446, 0.4111



20.1470, 0.3071, 0.3482



0.0000, 0.0000, 0.0000



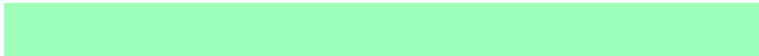
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6691, 0.2964, 0.3937



82.3447, 0.2932, 0.4110



55.9968, 0.2763, 0.3478



13.2615, 0.3077, 0.3460



28.3335, 0.2892, 0.5613



1.5980, 0.2788, 0.5235

Inverse Universe

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



37.4054, 0.3344, 0.2721



51.2991, 0.3406, 0.2594



36.1227, 0.3683, 0.3112



11.9486, 0.3181, 0.3126



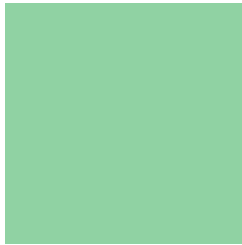
9.7098, 0.4094, 0.2029



0.5563, 0.3894, 0.1919

Previews

White Background



This preview shows how the Yxy color 54.6668, 0.2964, 0.3937 looks on a white background.

Color Contrast Check

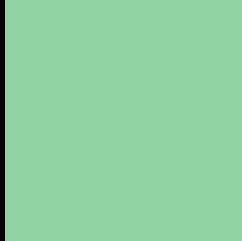
Large Text (above 18pt) WCAG AA × Fail

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 54.6668, 0.2964, 0.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

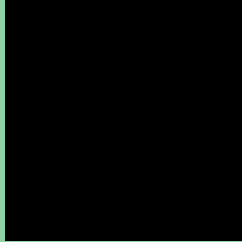
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6668, 0.2964, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 54.6668, 0.2964, 0.3937.



This preview shows how white text looks on a background with the Yxy color 54.6668, 0.2964, 0.3937.

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

54.6668, 0.2964, 0.3937

Protanopia

54.0719, 0.3530, 0.3768

Deuteranopia

54.0558, 0.3591, 0.3513



Tritanopia

54.7949, 0.2684, 0.3086

Trichromacy



Original Color

54.6668, 0.2964, 0.3937

Protanomaly

53.8445, 0.3299, 0.3832

Deuteranomaly

53.2527, 0.3339, 0.3655

Tritanomaly

54.8454, 0.2783, 0.3381

Monochromacy



Original Color

54.6668, 0.2964, 0.3937

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.3039, 0.3061, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6668, 0.2964, 0.3937 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(144, 210, 163)` looks like.

```
.text, #text, p{  
    color:rgb(144, 210, 163)  
}
```

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(144, 210, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 210, 163) }
```

Border

The CSS property to change the border of an element to Yxy 54.6668, 0.2964, 0.3937 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(144, 210, 163) }
```

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

```
.border{ border-color:rgb(144, 210, 163) }
```

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

Here you see how a box with a 4 pixel rgb(144, 210, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 210, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 210, 163);  
box-shadow:4px 4px 4px 4px rgb(144, 210,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6668, 0.2964, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 210, 163) }
```

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

```
.background{ background-color: rgb(144,  
210, 163) }
```

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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