

Converting Colors

$Yxy(60.2982, 0.2940, 0.4349)$

Have a look what the booklet for
Yxy(60.2982, 0.2940, 0.4349)
contains.

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Color

Yxy(60.3485, 0.2939, 0.4354)

Conversions

Conversions Part 1

Format	Color
Hex	7DE194
RGB	125, 225, 148
RGB Percent	49%, 88%, 58%
CMY	0.5095, 0.1177, 0.4196
CMYK	0.44, 0.00, 0.34, 0.12
HSL	134°, 62%, 69%
HSV	134°, 44%, 88%
XYZ	40.7359, 60.3485, 37.5203
YIQ	186.3220, -34.8830, -45.1470

Conversions

Conversions Part 2

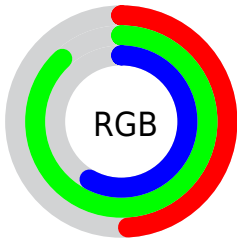
Format	Color
RYB	125, 206, 225
Decimal	8249748
CIELab	82.03, -45.55, 28.80
CIElCh	82, 53.891, 147.701
Yxy	60.3485, 0.2939, 0.4354
Android (android.graphics.Color)	4286439828 (0xFF7DE194)
YUV	186.3220, -18.8927, -53.7794
Hunter-Lab	77.6843, -42.3461, 25.7429

Details

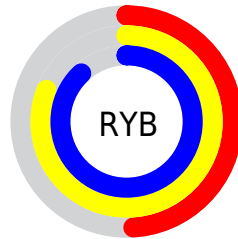
The Yxy color **60.3485, 0.2939, 0.4354** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.9593, 0.3405, 0.2426**, and the grayscale version is **49.4262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7769, 0.2976, 0.3878**, and **30.4679, 0.2864, 0.4659** is the 20% darker color. If you saturate the color by 10%, you get **58.3354, 0.2910, 0.4646**, and if you desaturate by 10%, it is **62.8324, 0.2976, 0.4075**.

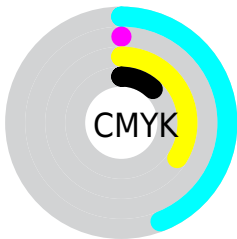
Distribution



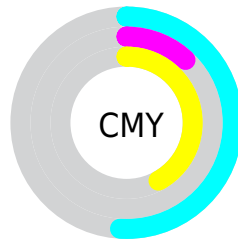
- Red (49%)
- Green (88%)
- Blue (58%)



- Red (49%)
- Yellow (81%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)




- Cyan (51%)
- Magenta (12%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3485, 0.2939, 0.4354 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 60.3485, 0.2939, 0.4354 by changing the saturation by 10% instead.


 60.3485, 0.2939,
0.4354


 60.3485, 0.2939,
0.4354


425.8811, 0.3047,
0.3813


 43.6996, 0.2908,
0.4491


 105.3350, 0.2981,
0.4156

 30.4344, 0.2866,
0.4667


 134.4415, 0.2996,
0.4082

 20.1686, 0.2807,
0.4901


 168.4692, 0.3008,
0.4019

 12.5176, 0.2718,
0.5227

207.8026, 0.3019,
0.3966

 7.0972, 0.2572,
0.5704

252.8261, 0.3027,
0.3920

 3.5230, 0.2324,
0.6493

303.9241, 0.3035,

 1.4105, 0.0982,

0.3880

0.9018

361.4810, 0.3041,
0.3844

0.2244, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3485, 0.2939,
0.4354

60.3485, 0.2939,
0.4354

58.3354, 0.2910,
0.4646

62.8324, 0.2976,
0.4075

56.7558, 0.2892,
0.4939


65.8067, 0.3018,
0.3817


55.5786, 0.2888,
0.5218


69.2991, 0.3062,
0.3582


54.7655, 0.2897,
0.5468

73.3328, 0.3107,
0.3374

 54.2701, 0.2920,
0.5673

 77.9298, 0.3152,
0.3190

 54.0920, 0.2935,
0.5765

 82.1367, 0.3160,
0.3027

 82.3272, 0.3141,
0.2999

Harmonies

Analogous

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



60.3485, 0.3607, 0.4558



60.3485, 0.2939, 0.4354



60.3485, 0.2357, 0.3733

Triad

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



60.3485, 0.2939, 0.4354



60.3485, 0.2112, 0.2256



60.3485, 0.4392, 0.3352

Complementary

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



60.3485, 0.2939, 0.4354



34.9593, 0.3405, 0.2426

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.



60.3485, 0.3899, 0.2863



60.3485, 0.2939, 0.4354



60.3485, 0.2553, 0.2260

Square

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



60.3485, 0.2939, 0.4354



60.3485, 0.1924, 0.2502



60.3485, 0.3200, 0.2477



60.3485, 0.4485, 0.3872

Rectangle

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



60.3485, 0.2939, 0.4354



60.3485, 0.2091, 0.3245



60.3485, 0.3200, 0.2477



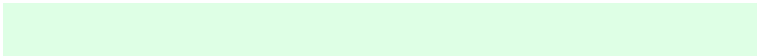
60.3485, 0.4266, 0.3182

Sweetspot

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



60.3510, 0.2939, 0.4354



92.7087, 0.3068, 0.3553



68.0747, 0.3616, 0.4447



19.6052, 0.3058, 0.3603



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.



60.3510, 0.2939, 0.4354



77.7325, 0.2913, 0.4615



62.2294, 0.2674, 0.3662



15.3885, 0.3085, 0.3476



31.1869, 0.2928, 0.5742



2.1753, 0.2847, 0.5449

Inverse Universe

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



34.9593, 0.3405, 0.2426



40.0376, 0.3480, 0.2269



33.0048, 0.3961, 0.2959



13.8790, 0.3173, 0.3111



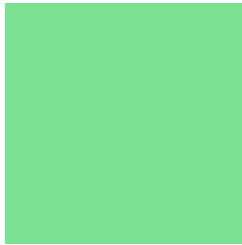
10.9895, 0.3888, 0.1915



0.7750, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 60.3485, 0.2939, 0.4354 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 60.3485, 0.2939, 0.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

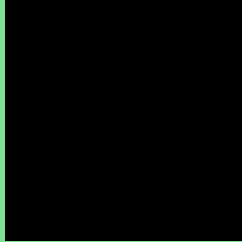
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3485, 0.2939, 0.4354

Background



This preview shows how black text looks on a background with the Yxy color 60.3485, 0.2939, 0.4354.

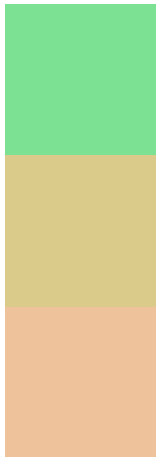


This preview shows how white text looks on a background with the Yxy color 60.3485, 0.2939, 0.4354.

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

60.3485, 0.2939, 0.4354

Protanopia

59.6360, 0.3734, 0.4032

Deuteranopia

59.1273, 0.3807, 0.3723



Tritanopia

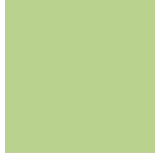
60.3564, 0.2569, 0.3078

Trichromacy



Original Color

60.3485, 0.2939, 0.4354



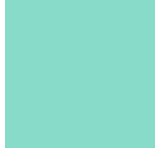
Protanomaly

58.8558, 0.3406, 0.4161



Deuteranomaly

57.8000, 0.3448, 0.3945



Tritanomaly

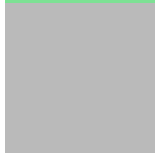
60.1984, 0.2704, 0.3524

Monochromacy



Original Color

60.3485, 0.2939, 0.4354



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

52.1796, 0.3048, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3485, 0.2939, 0.4354 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(125, 225, 148)` looks like.

```
.text, #text, p{  
    color:rgb(125, 225, 148)  
}
```

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(125, 225, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 225, 148) }
```

Border

The CSS property to change the border of an element to Yxy 60.3485, 0.2939, 0.4354 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(125, 225, 148) }
```

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

```
.border{ border-color:rgb(125, 225, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 225, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 225, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 225, 148);  
box-shadow:4px 4px 4px 4px rgb(125, 225,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3485, 0.2939, 0.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 225, 148) }
```

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

```
.background{ background-color: rgb(125,  
225, 148) }
```

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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