

Converting Colors

$Yxy(65.1128, 0.3373, 0.4281)$

Have a look what the booklet for
Yxy(65.1128, 0.3373, 0.4281)
contains.

Yxy(65.0728, 0.3373, 0.4274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.0728, 0.3373, 0.4274)

Conversions

Conversions Part 1

Format	Color
Hex	B9DF8F
RGB	185, 223, 143
RGB Percent	73%, 87%, 56%
CMY	0.2744, 0.1255, 0.4394
CMYK	0.17, 0.00, 0.36, 0.13
HSL	88°, 56%, 72%
HSV	88°, 36%, 87%
XYZ	51.3548, 65.0728, 35.8251
YIQ	202.5180, 3.0320, -32.9360

Conversions

Conversions Part 2

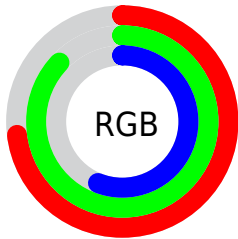
Format	Color
RYB	143, 223, 181
Decimal	12181391
CIELab	84.52, -26.04, 35.24
CIELCh	85, 43.818, 126.462
Yxy	65.0728, 0.3373, 0.4274
Android (android.graphics.Color)	4290371471 (0xFFB9DF8F)
YUV	202.5180, -29.3424, -15.3633
Hunter-Lab	80.6677, -27.5315, 30.1363

Details

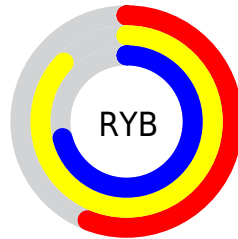
The Yxy color **65.0728, 0.3373, 0.4274** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **34.7790, 0.2789, 0.2299**, and the grayscale version is **59.5909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4285, 0.3385, 0.3877**, and **33.5859, 0.3418, 0.4546** is the 20% darker color. If you saturate the color by 10%, you get **63.1981, 0.3427, 0.4571**, and if you desaturate by 10%, it is **67.1855, 0.3310, 0.3980**.

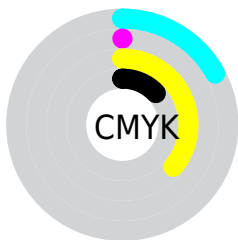
Distribution



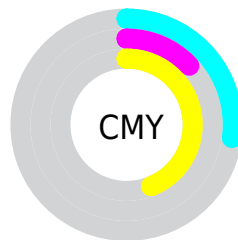
- Red (73%)
- Green (87%)
- Blue (56%)



- Red (56%)
- Yellow (87%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0728, 0.3373, 0.4274 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 65.0728, 0.3373, 0.4274 by changing the saturation by 10% instead.


 65.0728, 0.3373,
0.4274

 65.0728, 0.3373,
0.4274


443.0535, 0.3272,
0.3791

 47.5201, 0.3392,
0.4390


 112.1545, 0.3341,
0.4102

 33.4470, 0.3412,
0.4536


 142.4523, 0.3328,
0.4036

 22.4691, 0.3433,
0.4725


177.7673, 0.3316,
0.3980

 14.2020, 0.3450,
0.4976


218.4839, 0.3305,
0.3932

 8.2613, 0.3453,
0.5323

264.9864, 0.3295,
0.3890

 4.2626, 0.3443,
0.5879

317.6592, 0.3287,

 1.8215, 0.3290,

0.3853

0.6710

376.8868, 0.3279,
0.3820

0.5005, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.0728, 0.3373,
0.4274

65.0728, 0.3373,
0.4274

63.1981, 0.3427,
0.4571

67.1855, 0.3310,
0.3980

61.5427, 0.3466,
0.4859


69.5371, 0.3241,
0.3699


60.0984, 0.3486,
0.5124


72.1391, 0.3169,
0.3435


58.8530, 0.3485,
0.5351


74.9999, 0.3098,
0.3193

 57.7925, 0.3460,
0.5528

 78.1274, 0.3029,
0.2973

 56.9000, 0.3415,
0.5649

 80.0470, 0.3097,
0.2975

 56.5711, 0.3393,
0.5688

 81.2565, 0.3142,
0.2980

Harmonies

Analogous

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



65.0728, 0.3866, 0.4210



65.0728, 0.3373, 0.4274



65.0728, 0.2838, 0.3998

Triad

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



65.0728, 0.3373, 0.4274



65.0728, 0.2168, 0.2581



65.0728, 0.3880, 0.3063

Complementary

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



65.0728, 0.3373, 0.4274



34.7790, 0.2789, 0.2299

Split Complementary

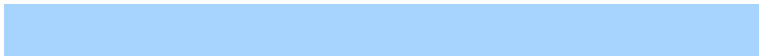
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0728, 0.3358, 0.2708



65.0728, 0.3373, 0.4274



65.0728, 0.2389, 0.2429

Square

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



65.0728, 0.3373, 0.4274



65.0728, 0.2171, 0.2946



65.0728, 0.2810, 0.2482



65.0728, 0.4188, 0.3485

Rectangle

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



65.0728, 0.3373, 0.4274



65.0728, 0.2531, 0.3664



65.0728, 0.2810, 0.2482



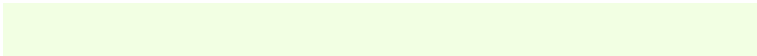
65.0728, 0.3721, 0.2933

Sweetspot

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



65.0756, 0.3373, 0.4274



95.8857, 0.3206, 0.3570



50.4403, 0.3830, 0.3731



20.4213, 0.3216, 0.3606



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.



65.0756, 0.3373, 0.4274



86.2673, 0.3414, 0.4495



60.8359, 0.3094, 0.4364



15.6898, 0.3195, 0.3527



33.3301, 0.3404, 0.5679



2.3635, 0.3518, 0.5589

Inverse Universe

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



34.7790, 0.2789, 0.2299



39.4998, 0.2697, 0.2075



40.2298, 0.3144, 0.2398



13.5606, 0.3055, 0.3053



4.9941, 0.1978, 0.0863



0.3992, 0.2148, 0.0957

Previews

White Background



This preview shows how the Yxy color 65.0728, 0.3373, 0.4274 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 65.0728, 0.3373, 0.4274 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 65.0728, 0.3373, 0.4274

Background



This preview shows how black text looks on a background with the Yxy color 65.0728, 0.3373, 0.4274.



This preview shows how white text looks on a background with the Yxy color 65.0728, 0.3373, 0.4274.

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

65.0728, 0.3373, 0.4274

Protanopia

64.5862, 0.3797, 0.4091

Deuteranopia

64.4206, 0.3943, 0.3848



Tritanopia

64.6144, 0.2909, 0.3096

Trichromacy



Original Color

65.0728, 0.3373, 0.4274



Protanomaly

64.6405, 0.3634, 0.4159



Deuteranomaly

64.0071, 0.3727, 0.3998



Tritanomaly

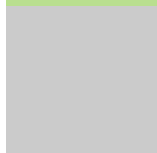
64.5264, 0.3081, 0.3504

Monochromacy



Original Color

65.0728, 0.3373, 0.4274



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.1651, 0.3224, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0728, 0.3373, 0.4274 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(185, 223, 143)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 143)  
}
```

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(185, 223, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 143) }
```

Border

The CSS property to change the border of an element to Yxy 65.0728, 0.3373, 0.4274 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(185, 223, 143) }
```

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

```
.border{ border-color:rgb(185, 223, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 223, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 223, 143); box-shadow:4px 4px 4px 4px rgb(185, 223, 143) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0728, 0.3373, 0.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 143) }
```

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

```
.background{ background-color: rgb(185,  
223, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor