

Converting Colors

$Yxy(72.8611, 0.3087, 0.4136)$

Have a look what the booklet for
Yxy(72.8611, 0.3087, 0.4136)
contains.

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Color

Yxy(73.0326, 0.3087, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFA9
RGB	169, 239, 169
RGB Percent	66%, 94%, 66%
CMY	0.3372, 0.0627, 0.3372
CMYK	0.29, 0.00, 0.29, 0.06
HSL	120°, 69%, 80%
HSV	120°, 29%, 94%
XYZ	54.3912, 73.0326, 48.7706
YIQ	210.0900, -19.2500, -36.6100

Conversions

Conversions Part 2

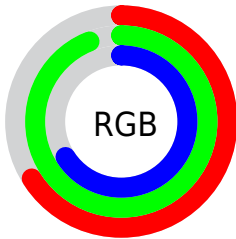
Format	Color
RYB	169, 239, 239
Decimal	11136937
CIELab	88.46, -35.16, 27.08
CIElCh	88, 44.381, 142.392
Yxy	73.0326, 0.3087, 0.4145
Android (android.graphics.Color)	4289327017 (0xFFA9EFA9)
YUV	210.0900, -20.2574, -36.0359
Hunter-Lab	85.4591, -35.9455, 25.9852

Details

The Yxy color **73.0326, 0.3087, 0.4145** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.9605, 0.3161, 0.2561**, and the grayscale version is **64.6585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1250, 0.3119, 0.3598**, and **38.7728, 0.3068, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **69.8122, 0.3071, 0.4496**, and if you desaturate by 10%, it is **76.9063, 0.3102, 0.3820**.

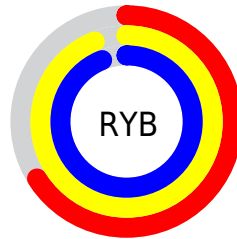
Distribution



Red (66%)

Green (94%)

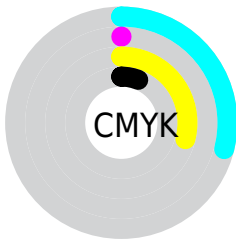
Blue (66%)



Red (66%)

Yellow (94%)

Blue (94%)

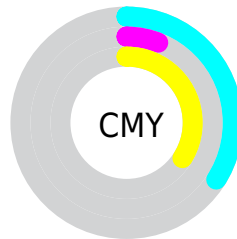


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (6%)



Cyan (34%)


Magenta (6%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0326, 0.3087, 0.4145 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 73.0326, 0.3087, 0.4145 by changing the saturation by 10% instead.


 73.0326, 0.3087,
0.4145

 73.0326, 0.3087,
0.4145


471.1278, 0.3117,
0.3729

 54.0026, 0.3077,
0.4245


 123.5235, 0.3100,
0.3997

 38.6038, 0.3063,
0.4370


155.7532, 0.3104,
0.3940

 26.4516, 0.3042,
0.4533


193.1516, 0.3107,
0.3892

 17.1618, 0.3010,
0.4752

236.1031, 0.3110,
0.3851

 10.3499, 0.2956,
0.5059

284.9920, 0.3112,
0.3814

 5.6316, 0.2856,
0.5519


340.2029, 0.3114,


 2.6224, 0.2728,


0.3783


0.6454


402.1200, 0.3116,
0.3754


 0.9379, 0.0332,
0.9668


 0.0000, 0.0000,
0.0000


 73.0326, 0.3087,
0.4145


 73.0326, 0.3087,
0.4145


 69.8122, 0.3071,
0.4496


 76.9063, 0.3102,
0.3820


 67.2007, 0.3054,
0.4857

 81.4567, 0.3116,
0.3529

 65.1623, 0.3037,
0.5208

 86.7174, 0.3128,
0.3273

 63.6541, 0.3023,
0.5519

 90.2153, 0.3134,
0.3136

■ 62.6270, 0.3011,
0.5763

■ 62.0226, 0.3004,
0.5921

■ 61.7500, 0.3000,
0.5996

■ 61.7353, 0.3000,
0.6000

Harmonies

Analogous

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



73.0326, 0.3608, 0.4258



73.0326, 0.3087, 0.4145



73.0326, 0.2601, 0.3726

Triad

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



73.0326, 0.3087, 0.4145



73.0326, 0.2278, 0.2493



73.0326, 0.4055, 0.3284

Complementary

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



73.0326, 0.3087, 0.4145



52.9605, 0.3161, 0.2561

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.



73.0326, 0.3638, 0.2893



73.0326, 0.3087, 0.4145



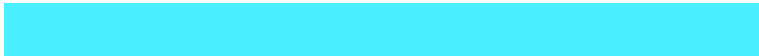
73.0326, 0.2604, 0.2453

Square

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



73.0326, 0.3087, 0.4145



73.0326, 0.2163, 0.2741



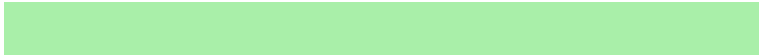
73.0326, 0.3095, 0.2598



73.0326, 0.4194, 0.3704

Rectangle

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



73.0326, 0.3087, 0.4145



73.0326, 0.2360, 0.3364



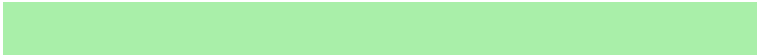
73.0326, 0.3095, 0.2598



73.0326, 0.3941, 0.3147

Sweetspot

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



73.0357, 0.3087, 0.4145



94.5134, 0.3116, 0.3522



82.9514, 0.3570, 0.4022



20.0535, 0.3114, 0.3562



0.0000, 0.0000, 0.0000



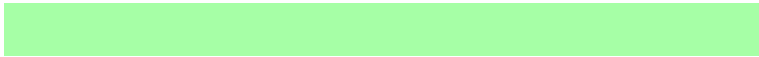
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0357, 0.3087, 0.4145



82.3444, 0.3077, 0.4347



74.5305, 0.2890, 0.3706



17.6564, 0.3116, 0.3534



34.1151, 0.3000, 0.6000



2.8381, 0.3000, 0.6000

Inverse Universe

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



52.9605, 0.3161, 0.2561



55.6610, 0.3168, 0.2420



51.0885, 0.3457, 0.2910



16.0314, 0.3138, 0.3057



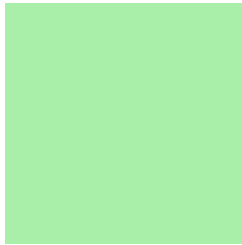
13.5841, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 73.0326, 0.3087, 0.4145 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 73.0326, 0.3087, 0.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

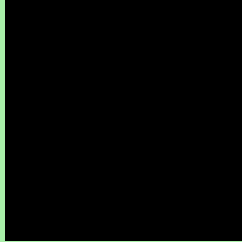
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0326, 0.3087, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 73.0326, 0.3087, 0.4145.

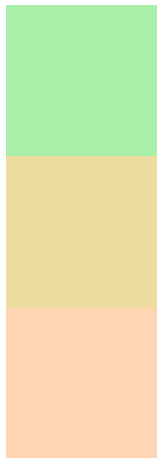


This preview shows how white text looks on a background with the Yxy color 73.0326, 0.3087, 0.4145.

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

73.0326, 0.3087, 0.4145

Protanopia

72.4633, 0.3668, 0.3935

Deuteranopia

72.1438, 0.3688, 0.3632



Tritanopia

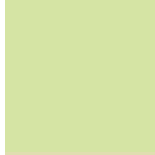
72.8213, 0.2728, 0.3088

Trichromacy



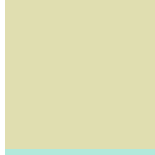
Original Color

73.0326, 0.3087, 0.4145



Protanomaly

72.3133, 0.3438, 0.4017



Deuteranomaly

71.2244, 0.3454, 0.3802



Tritanomaly

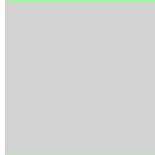
72.8573, 0.2856, 0.3452

Monochromacy



Original Color

73.0326, 0.3087, 0.4145



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.2551, 0.3113, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0326, 0.3087, 0.4145 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(169, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 169)  
}
```

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(169, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 169) }
```

Border

The CSS property to change the border of an element to Yxy 73.0326, 0.3087, 0.4145 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(169, 239, 169) }
```

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

```
.border{ border-color:rgb(169, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 239, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 239, 169); box-shadow:4px 4px 4px 4px rgb(169, 239, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0326, 0.3087, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 169) }
```

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

```
.background{ background-color: rgb(169,  
239, 169) }
```

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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