

Converting Colors

Yxy(65.9923, 0.3241, 0.4267)

Have a look what the booklet for
Yxy(65.9923, 0.3241, 0.4267)
contains.

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Color

Yxy(65.9923, 0.3241, 0.4267)

Conversions

Conversions Part 1

Format	Color
Hex	ADE395
RGB	173, 227, 149
RGB Percent	68%, 89%, 58%
CMY	0.3217, 0.1098, 0.4156
CMYK	0.24, 0.00, 0.34, 0.11
HSL	102°, 58%, 74%
HSV	102°, 34%, 89%
XYZ	50.1245, 65.9923, 38.5406
YIQ	201.9620, -7.1460, -35.7060

Conversions

Conversions Part 2

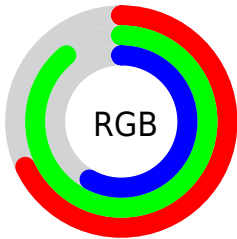
Format	Color
RYB	149, 227, 203
Decimal	11395989
CIELab	84.99, -31.35, 32.65
CIELCh	85, 45.264, 133.838
Yxy	65.9923, 0.3241, 0.4267
Android (android.graphics.Color)	4289586069 (0xFFADE395)
YUV	201.9620, -26.1103, -25.3997
Hunter-Lab	81.2356, -32.0234, 28.7360

Details

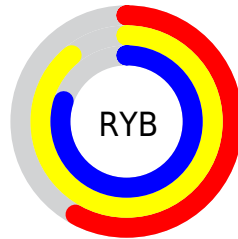
The Yxy color **65.9923, 0.3241, 0.4267** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.7561, 0.2954, 0.2384**, and the grayscale version is **59.2065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7026, 0.3265, 0.3818**, and **33.9108, 0.3252, 0.4533** is the 20% darker color. If you saturate the color by 10%, you get **63.6505, 0.3262, 0.4592**, and if you desaturate by 10%, it is **68.6923, 0.3213, 0.3954**.

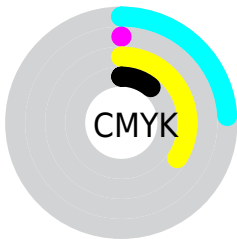
Distribution



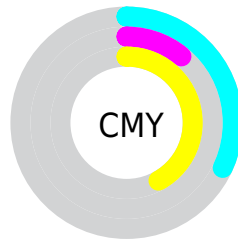
- Red (68%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)




- Cyan (32%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9923, 0.3241, 0.4267 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 65.9923, 0.3241, 0.4267 by changing the saturation by 10% instead.

 65.9923, 0.3241,
0.4267


 65.9923, 0.3241,
0.4267


446.3493, 0.3202,
0.3785

 48.2662, 0.3245,
0.4384


 113.4753, 0.3231,
0.4094

 34.0377, 0.3248,
0.4532


 144.0009, 0.3226,
0.4028

 22.9226, 0.3247,
0.4725


179.5618, 0.3221,
0.3973

 14.5363, 0.3237,
0.4984

220.5424, 0.3217,
0.3925

 8.4946, 0.3204,
0.5349

267.3270, 0.3213,
0.3883

 4.4131, 0.3122,
0.5902

320.3001, 0.3209,

 1.9072, 0.2987,

0.3846

0.7013

379.8461, 0.3205,
0.3814

0.5527, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.9923, 0.3241,
0.4267

65.9923, 0.3241,
0.4267

63.6505, 0.3262,
0.4592

68.6923, 0.3213,
0.3954

61.6428, 0.3271,
0.4916


71.7564, 0.3179,
0.3663


59.9551, 0.3268,
0.5220


75.2011, 0.3143,
0.3397

58.5692, 0.3248,
0.5486

79.0394, 0.3106,
0.3159

 57.4643, 0.3214,
0.5695

 82.7888, 0.3117,
0.3017

 56.6165, 0.3167,
0.5835

 83.4232, 0.3140,
0.3019

 56.2343, 0.3139,
0.5889

Harmonies

Analogous

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



65.9923, 0.3772, 0.4280



65.9923, 0.3241, 0.4267



65.9923, 0.2705, 0.3903

Triad

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



65.9923, 0.3241, 0.4267



65.9923, 0.2178, 0.2503



65.9923, 0.4006, 0.3158

Complementary

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



65.9923, 0.3241, 0.4267



39.7561, 0.2954, 0.2384

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.



65.9923, 0.3506, 0.2772



65.9923, 0.3241, 0.4267



65.9923, 0.2458, 0.2403

Square

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



65.9923, 0.3241, 0.4267



65.9923, 0.2124, 0.2824



65.9923, 0.2932, 0.2504



65.9923, 0.4246, 0.3596

Rectangle

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



65.9923, 0.3241, 0.4267



65.9923, 0.2417, 0.3532



65.9923, 0.2932, 0.2504



65.9923, 0.3860, 0.3020

Sweetspot

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



65.9951, 0.3241, 0.4267



95.2664, 0.3164, 0.3546



60.8924, 0.3730, 0.3895



20.2574, 0.3169, 0.3584



0.0000, 0.0000, 0.0000



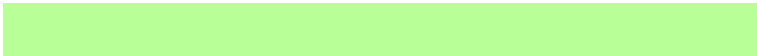
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9951, 0.3241, 0.4267



83.7489, 0.3256, 0.4491



63.9915, 0.2997, 0.4123



16.3026, 0.3162, 0.3530



32.8469, 0.3149, 0.5882



2.4748, 0.3259, 0.5795

Inverse Universe

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



39.7561, 0.2954, 0.2384



44.8484, 0.2907, 0.2194



42.6258, 0.3294, 0.2581



14.3816, 0.3089, 0.3055



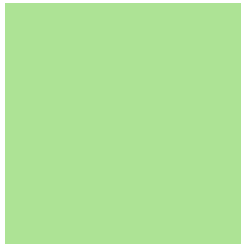
7.4967, 0.2448, 0.1122



0.6023, 0.2561, 0.1185

Previews

White Background



This preview shows how the Yxy color 65.9923, 0.3241, 0.4267 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 65.9923, 0.3241, 0.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

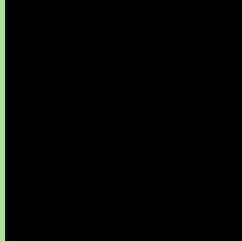
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9923, 0.3241, 0.4267

Background



This preview shows how black text looks on a background with the Yxy color 65.9923, 0.3241, 0.4267.



This preview shows how white text looks on a background with the Yxy color 65.9923, 0.3241, 0.4267.

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

65.9923, 0.3241, 0.4267

Protanopia

65.2297, 0.3758, 0.4047

Deuteranopia

65.3690, 0.3881, 0.3808



Tritanopia

66.1310, 0.2815, 0.3094

Trichromacy



Original Color

65.9923, 0.3241, 0.4267



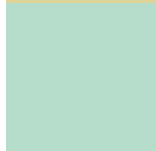
Protanomaly

65.2254, 0.3561, 0.4132



Deuteranomaly

64.8836, 0.3633, 0.3973



Tritanomaly

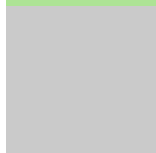
65.9698, 0.2972, 0.3506

Monochromacy



Original Color

65.9923, 0.3241, 0.4267



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.0838, 0.3171, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9923, 0.3241, 0.4267 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(173, 227, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 227, 149)  
}
```

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(173, 227, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 227, 149) }
```

Border

The CSS property to change the border of an element to Yxy 65.9923, 0.3241, 0.4267 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(173, 227, 149) }
```

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

```
.border{ border-color:rgb(173, 227, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 227, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 227, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 227, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 227,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9923, 0.3241, 0.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 227, 149) }
```

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

```
.background{ background-color: rgb(173,  
227, 149) }
```

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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