

Converting Colors

Yxy(67.4249, 0.3149, 0.3932)

Have a look what the booklet for
Yxy(67.4249, 0.3149, 0.3932)
contains.

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Color

Yxy(67.2725, 0.3145, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	B5E2AE
RGB	181, 226, 174
RGB Percent	71%, 89%, 68%
CMY	0.2902, 0.1137, 0.3176
CMYK	0.20, 0.00, 0.23, 0.11
HSL	112°, 47%, 78%
HSV	112°, 23%, 89%
XYZ	53.8900, 67.2725, 50.1888
YIQ	206.6170, -10.1280, -25.7120

Conversions

Conversions Part 2

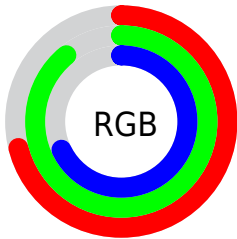
Format	Color
RYB	174, 226, 219
Decimal	11920046
CIELab	85.64, -24.28, 20.75
CIELCh	86, 31.935, 139.477
Yxy	67.2725, 0.3145, 0.3926
Android (android.graphics.Color)	4290110126 (0xFFB5E2AE)
YUV	206.6170, -16.0802, -22.4661
Hunter-Lab	82.0198, -26.2538, 21.1337

Details

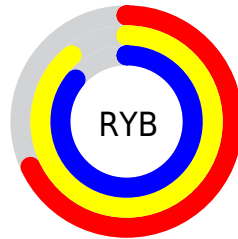
The Yxy color **67.2725, 0.3145, 0.3926** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.8277, 0.3096, 0.2709**, and the grayscale version is **62.2478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2377, 0.3159, 0.3541**, and **35.0183, 0.3141, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **64.2655, 0.3148, 0.4250**, and if you desaturate by 10%, it is **70.7657, 0.3139, 0.3629**.

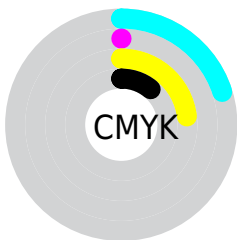
Distribution



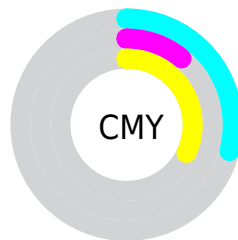
- Red (71%)
- Green (89%)
- Blue (68%)



- Red (68%)
- Yellow (89%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2725, 0.3145, 0.3926 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 67.2725, 0.3145, 0.3926 by changing the saturation by 10% instead.

■ 67.2725, 0.3145,
0.3926

■ 67.2725, 0.3145,
0.3926

450.9141, 0.3143,
0.3616

■ 49.3061, 0.3144,
0.4001

■ 115.3108, 0.3146,
0.3815

■ 34.8624, 0.3141,
0.4095

146.1515, 0.3145,
0.3773

■ 23.5569, 0.3136,
0.4218

182.0524, 0.3145,
0.3737

■ 15.0052, 0.3127,
0.4385

223.3979, 0.3145,
0.3706

■ 8.8231, 0.3107,
0.4622

270.5725, 0.3144,
0.3679

■ 4.6260, 0.3064,
0.4985

323.9604, 0.3144,

■ 2.0295, 0.3030,

0.3656

0.5740

383.9462, 0.3143,
0.3635

0.6245, 0.0016,
0.9984

0.0000, 0.0000,
0.0000

67.2725, 0.3145,
0.3926

67.2725, 0.3145,
0.3926

64.2655, 0.3148,
0.4250

70.7657, 0.3139,
0.3629

61.7149, 0.3146,
0.4593

74.7562, 0.3130,
0.3364

59.6008, 0.3139,
0.4939

79.2658, 0.3120,
0.3130

57.8984, 0.3125,
0.5268

82.8771, 0.3140,
0.3009

■ 56.5804, 0.3104,
0.5554

■ 55.6162, 0.3078,
0.5775

■ 54.9701, 0.3050,
0.5917

■ 54.6785, 0.3032,
0.5975

Harmonies

Analogous

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



67.2725, 0.3529, 0.3998



67.2725, 0.3145, 0.3926



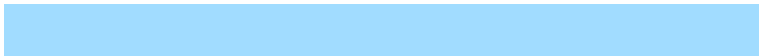
67.2725, 0.2771, 0.3644

Triad

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



67.2725, 0.3145, 0.3926



67.2725, 0.2469, 0.2704



67.2725, 0.3789, 0.3265

Complementary

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



67.2725, 0.3145, 0.3926



50.8277, 0.3096, 0.2709

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.



67.2725, 0.3470, 0.2966



67.2725, 0.3145, 0.3926



67.2725, 0.2707, 0.2650

Square

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



67.2725, 0.3145, 0.3926



67.2725, 0.2397, 0.2917



67.2725, 0.3069, 0.2747



67.2725, 0.3917, 0.3587

Rectangle

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



67.2725, 0.3145, 0.3926



67.2725, 0.2576, 0.3390



67.2725, 0.3069, 0.2747



67.2725, 0.3699, 0.3160

Sweetspot

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



67.2754, 0.3145, 0.3926



96.0894, 0.3134, 0.3467



69.4764, 0.3491, 0.3782



20.4983, 0.3134, 0.3483



0.0000, 0.0000, 0.0000



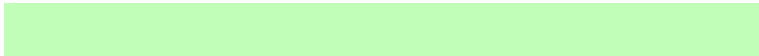
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2754, 0.3145, 0.3926



86.3265, 0.3147, 0.4091



67.2108, 0.2986, 0.3703



15.4250, 0.3136, 0.3531



31.2208, 0.3037, 0.5970



2.1929, 0.3117, 0.5907

Inverse Universe

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



50.8277, 0.3096, 0.2709



60.8212, 0.3086, 0.2575



50.9873, 0.3303, 0.2910



13.8374, 0.3117, 0.3058



9.8386, 0.2873, 0.1357



0.7082, 0.2928, 0.1387

Previews

White Background



This preview shows how the Yxy color 67.2725, 0.3145, 0.3926 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 67.2725, 0.3145, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

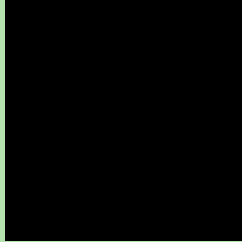
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

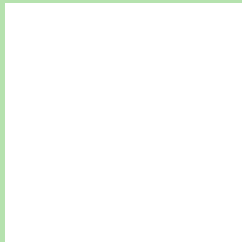
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2725, 0.3145, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 67.2725, 0.3145, 0.3926.



This preview shows how white text looks on a background with the Yxy color 67.2725, 0.3145, 0.3926.

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

67.2725, 0.3145, 0.3926

Protanopia

66.7465, 0.3555, 0.3794

Deuteranopia

66.4698, 0.3655, 0.3579



Tritanopia

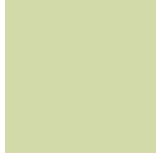
67.2173, 0.2835, 0.3096

Trichromacy



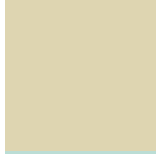
Original Color

67.2725, 0.3145, 0.3926



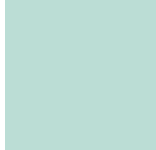
Protanomaly

66.7467, 0.3396, 0.3848



Deuteranomaly

66.2924, 0.3450, 0.3698



Tritanomaly

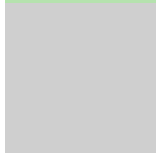
67.0818, 0.2944, 0.3383

Monochromacy



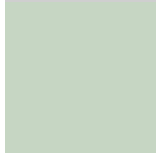
Original Color

67.2725, 0.3145, 0.3926



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.0390, 0.3139, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2725, 0.3145, 0.3926 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(181, 226, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 174)  
}
```

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(181, 226, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 174) }
```

Border

The CSS property to change the border of an element to Yxy 67.2725, 0.3145, 0.3926 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(181, 226, 174) }
```

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

```
.border{ border-color:rgb(181, 226, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 174);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2725, 0.3145, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 174) }
```

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

```
.background{ background-color: rgb(181,  
226, 174) }
```

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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