

Converting Colors

Yxy(66.5188, 0.3174, 0.3913)

Have a look what the booklet for
Yxy(66.5188, 0.3174, 0.3913)
contains.

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Color

Yxy(66.5188, 0.3174, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0AD
RGB	184, 224, 173
RGB Percent	72%, 88%, 68%
CMY	0.2786, 0.1215, 0.3216
CMYK	0.18, 0.00, 0.23, 0.12
HSL	107°, 45%, 78%
HSV	107°, 23%, 88%
XYZ	53.9562, 66.5188, 49.5194
YIQ	206.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

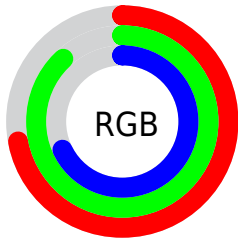
Format	Color
RYB	173, 224, 213
Decimal	12116141
CIELab	85.26, -22.46, 20.78
CIELCh	85, 30.602, 137.226
Yxy	66.5188, 0.3174, 0.3913
Android (android.graphics.Color)	4290306221 (0xFFB8E0AD)
YUV	206.2260, -16.3804, -19.4922
Hunter-Lab	81.5591, -24.6399, 21.0929

Details

The Yxy color **66.5188, 0.3174, 0.3913** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.4138, 0.3062, 0.2709**, and the grayscale version is **61.9800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7024, 0.3184, 0.3550**, and **34.4778, 0.3178, 0.4091** is the 20% darker color. If you saturate the color by 10%, you get **63.6884, 0.3189, 0.4230**, and if you desaturate by 10%, it is **69.7702, 0.3155, 0.3621**.

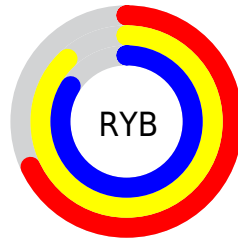
Distribution



Red (72%)

Green (88%)

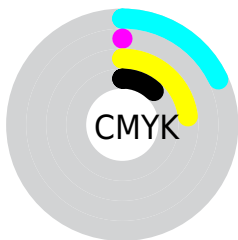
Blue (68%)



Red (68%)

Yellow (88%)

Blue (84%)

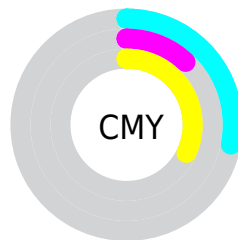


Cyan (18%)

Magenta (0%)

Yellow (23%)

Black (12%)



Cyan (28%)


Magenta (12%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5188, 0.3174, 0.3913 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 66.5188, 0.3174, 0.3913 by changing the saturation by 10% instead.


 66.5188, 0.3174,
0.3913

 66.5188, 0.3174,
0.3913


448.2300, 0.3158,
0.3609

 48.6937, 0.3176,
0.3986

 114.2306, 0.3170,
0.3805

 34.3765, 0.3178,
0.4079


144.8861, 0.3168,
0.3763

 23.1830, 0.3178,
0.4199


180.5872, 0.3166,
0.3728

 14.7287, 0.3176,
0.4363

221.7182, 0.3164,
0.3698

 8.6292, 0.3166,
0.4595

268.6636, 0.3162,
0.3671

 4.5001, 0.3138,
0.4950

321.8078, 0.3161,

 1.9571, 0.3147,

0.3648

0.5723

381.5351, 0.3159,
0.3628

0.5824, 0.0088,
0.9912

0.0000, 0.0000,
0.0000

66.5188, 0.3174,
0.3913

66.5188, 0.3174,
0.3913

63.6884, 0.3189,
0.4230

69.7702, 0.3155,
0.3621

61.2533, 0.3198,
0.4564

73.4500, 0.3133,
0.3358

59.1981, 0.3199,
0.4900

77.5765, 0.3111,
0.3124

57.5029, 0.3189,
0.5221

81.6657, 0.3136,
0.2989

■ 56.1459, 0.3169,
0.5503

■ 81.8002, 0.3141,
0.2990

■ 55.1030, 0.3138,
0.5726

■ 54.3463, 0.3100,
0.5876

■ 53.9531, 0.3072,
0.5943

Harmonies

Analogous

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



66.5188, 0.3540, 0.3967



66.5188, 0.3174, 0.3913



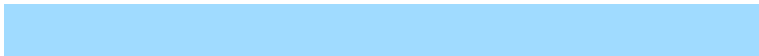
66.5188, 0.2809, 0.3656

Triad

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



66.5188, 0.3174, 0.3913



66.5188, 0.2481, 0.2736



66.5188, 0.3745, 0.3244

Complementary

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



66.5188, 0.3174, 0.3913



49.4138, 0.3062, 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.



66.5188, 0.3430, 0.2959



66.5188, 0.3174, 0.3913



66.5188, 0.2701, 0.2671

Square

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



66.5188, 0.3174, 0.3913



66.5188, 0.2424, 0.2953



66.5188, 0.3043, 0.2754



66.5188, 0.3885, 0.3555

Rectangle

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



66.5188, 0.3174, 0.3913



66.5188, 0.2615, 0.3415



66.5188, 0.3043, 0.2754



66.5188, 0.3655, 0.3143

Sweetspot

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



66.5217, 0.3174, 0.3913



96.3421, 0.3143, 0.3467



66.4339, 0.3495, 0.3741



20.5566, 0.3144, 0.3483



0.0000, 0.0000, 0.0000



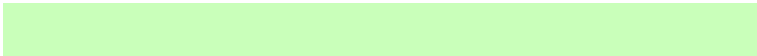
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5217, 0.3174, 0.3913



87.4835, 0.3181, 0.4050



65.8088, 0.3008, 0.3741



15.4786, 0.3148, 0.3530



31.4402, 0.3080, 0.5937



2.2182, 0.3183, 0.5855

Inverse Universe

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



49.4138, 0.3062, 0.2709



60.9596, 0.3046, 0.2592



50.3602, 0.3272, 0.2878



13.7791, 0.3104, 0.3057



8.5446, 0.2672, 0.1245



0.6297, 0.2759, 0.1293

Previews

White Background



This preview shows how the Yxy color 66.5188, 0.3174, 0.3913 looks on a white background.

Color Contrast Check

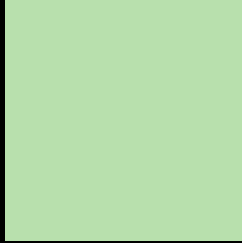
Large Text (above 18pt) WCAG AA × Fail

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 66.5188, 0.3174, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

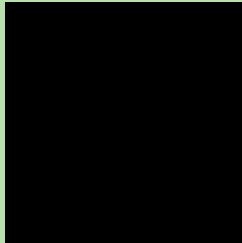
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5188, 0.3174, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 66.5188, 0.3174, 0.3913.

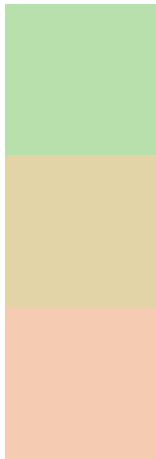


This preview shows how white text looks on a background with the Yxy color 66.5188, 0.3174, 0.3913.

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

66.5188, 0.3174, 0.3913

Protanopia

66.0457, 0.3557, 0.3796

Deuteranopia

65.7725, 0.3657, 0.3580



Tritanopia

66.4643, 0.2866, 0.3096

Trichromacy



Original Color

66.5188, 0.3174, 0.3913

Protanomaly

65.8252, 0.3415, 0.3837

Deuteranomaly

65.4111, 0.3470, 0.3687

Tritanomaly

66.3133, 0.2976, 0.3383

Monochromacy



Original Color

66.5188, 0.3174, 0.3913

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.4893, 0.3146, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5188, 0.3174, 0.3913 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(184, 224, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 173)  
}
```

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(184, 224, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 173) }
```

Border

The CSS property to change the border of an element to Yxy 66.5188, 0.3174, 0.3913 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(184, 224, 173) }
```

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

```
.border{ border-color:rgb(184, 224, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5188, 0.3174, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 173) }
```

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

```
.background{ background-color: rgb(184,  
224, 173) }
```

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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