

Converting Colors

$Yxy(66.8054, 0.3043, 0.3842)$

Have a look what the booklet for
Yxy(66.8054, 0.3043, 0.3842)
contains.

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Color

Yxy(66.6543, 0.3041, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	ADE2B6
RGB	173, 226, 182
RGB Percent	68%, 89%, 71%
CMY	0.3217, 0.1137, 0.2863
CMYK	0.23, 0.00, 0.19, 0.11
HSL	130°, 48%, 78%
HSV	130°, 23%, 89%
XYZ	52.8680, 66.6543, 54.3283
YIQ	205.1370, -17.4640, -24.9200

Conversions

Conversions Part 2

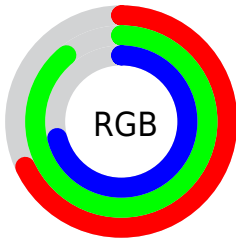
Format	Color
RYB	173, 218, 226
Decimal	11395766
CIELab	85.33, -25.56, 16.08
CIELCh	85, 30.196, 147.835
Yxy	66.6543, 0.3041, 0.3834
Android (android.graphics.Color)	4289585846 (0xFFADE2B6)
YUV	205.1370, -11.4065, -28.1841
Hunter-Lab	81.6421, -27.2846, 17.6952

Details

The Yxy color **66.6543, 0.3041, 0.3834** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.0575, 0.3227, 0.2801**, and the grayscale version is **61.2222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3511, 0.3064, 0.3462**, and **34.3275, 0.3018, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **63.5709, 0.3006, 0.4111**, and if you desaturate by 10%, it is **70.2830, 0.3078, 0.3583**.

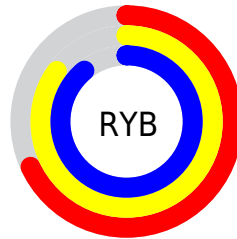
Distribution



Red (68%)

Green (89%)

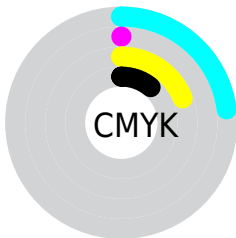
Blue (71%)



Red (68%)

Yellow (85%)

Blue (89%)

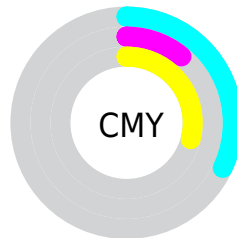


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (32%)


Magenta (11%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6543, 0.3041, 0.3834 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 66.6543, 0.3041, 0.3834 by changing the saturation by 10% instead.


 66.6543, 0.3041,
0.3834

 66.6543, 0.3041,
0.3834


448.7133, 0.3086,
0.3569

 48.8037, 0.3029,
0.3898

 114.4249, 0.3058,
0.3739

 34.4638, 0.3014,
0.3979


145.1138, 0.3064,
0.3703

 23.2501, 0.2993,
0.4085


180.8508, 0.3069,
0.3672

 14.7783, 0.2963,
0.4229

222.0205, 0.3074,
0.3646

 8.6640, 0.2917,
0.4436

269.0072, 0.3078,
0.3623

 4.5226, 0.2840,
0.4755


322.1953, 0.3081,

 1.9700, 0.2703,


0.3603

0.5336


381.9692, 0.3084,
0.3585


 0.5900, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 66.6543, 0.3041,
0.3834


 66.6543, 0.3041,
0.3834


 63.5709, 0.3006,
0.4111


 70.2830, 0.3078,
0.3583


 60.9984, 0.2974,
0.4410

 74.4728, 0.3115,
0.3361

 58.9114, 0.2949,
0.4721

 79.2493, 0.3150,
0.3165

 57.2788, 0.2932,
0.5031

 82.8788, 0.3140,
0.3009

■ 56.0663, 0.2926,
0.5321

■ 55.2340, 0.2932,
0.5572

■ 54.7346, 0.2949,
0.5767

■ 54.5415, 0.2962,
0.5862

Harmonies

Analogous

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



66.6543, 0.3414, 0.3963



66.6543, 0.3041, 0.3834



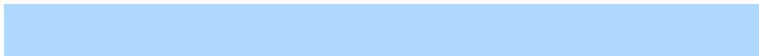
66.6543, 0.2705, 0.3528

Triad

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



66.6543, 0.3041, 0.3834



66.6543, 0.2549, 0.2703



66.6543, 0.3809, 0.3354

Complementary

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



66.6543, 0.3041, 0.3834



51.0575, 0.3227, 0.2801

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.



66.6543, 0.3550, 0.3057



66.6543, 0.3041, 0.3834



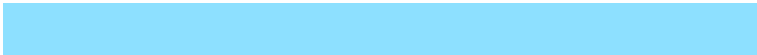
66.6543, 0.2815, 0.2693

Square

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



66.6543, 0.3041, 0.3834



66.6543, 0.2434, 0.2866



66.6543, 0.3180, 0.2821



66.6543, 0.3871, 0.3654

Rectangle

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



66.6543, 0.3041, 0.3834



66.6543, 0.2544, 0.3283



66.6543, 0.3180, 0.2821



66.6543, 0.3741, 0.3251

Sweetspot

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



66.6571, 0.3041, 0.3834



95.8526, 0.3101, 0.3437



72.1930, 0.3414, 0.3887



20.4437, 0.3099, 0.3451



0.0000, 0.0000, 0.0000



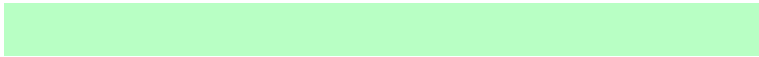
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6571, 0.3041, 0.3834



85.6345, 0.3024, 0.3962



67.8506, 0.2883, 0.3502



15.3751, 0.3093, 0.3490



31.1243, 0.2956, 0.5842



2.1689, 0.2884, 0.5582

Inverse Universe

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



51.0575, 0.3227, 0.2801



61.8379, 0.3251, 0.2700



49.7943, 0.3453, 0.3088



13.8935, 0.3164, 0.3098



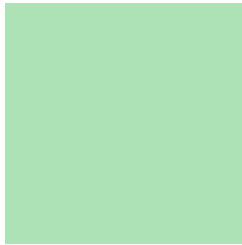
11.3009, 0.3690, 0.1806



0.7940, 0.3603, 0.1759

Previews

White Background



This preview shows how the Yxy color 66.6543, 0.3041, 0.3834 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 66.6543, 0.3041, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

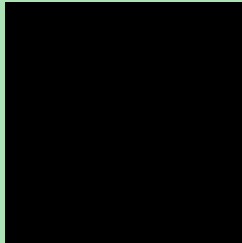
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

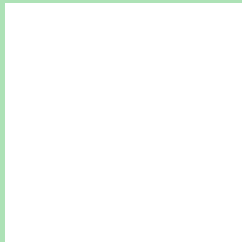
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6543, 0.3041, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 66.6543, 0.3041, 0.3834.



This preview shows how white text looks on a background with the Yxy color 66.6543, 0.3041, 0.3834.

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

66.6543, 0.3041, 0.3834

Protanopia

66.1897, 0.3491, 0.3707

Deuteranopia

66.0851, 0.3560, 0.3495



Tritanopia

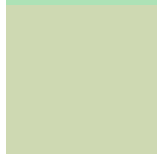
66.7864, 0.2779, 0.3094

Trichromacy



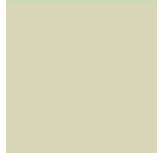
Original Color

66.6543, 0.3041, 0.3834



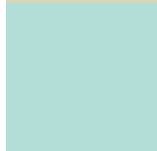
Protanomaly

65.9619, 0.3312, 0.3747



Deuteranomaly

65.8430, 0.3354, 0.3610



Tritanomaly

66.7841, 0.2873, 0.3360

Monochromacy



Original Color

66.6543, 0.3041, 0.3834



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.9572, 0.3089, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6543, 0.3041, 0.3834 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, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 226, 182)  
}
```

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, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 226, 182) }
```

Border

The CSS property to change the border of an element to Yxy 66.6543, 0.3041, 0.3834 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, 226, 182) }
```

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

```
.border{ border-color:rgb(173, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 226,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6543, 0.3041, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 226, 182) }
```

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

```
.background{ background-color: rgb(173,  
226, 182) }
```

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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