

Converting Colors

Yxy(67.7664, 0.3043, 0.3858)

Have a look what the booklet for
Yxy(67.7664, 0.3043, 0.3858)
contains.

Yxy(67.7484, 0.3041, 0.3856)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.7484, 0.3041, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	ADE4B6
RGB	173, 228, 182
RGB Percent	68%, 89%, 71%
CMY	0.3214, 0.1059, 0.2863
CMYK	0.24, 0.00, 0.20, 0.11
HSL	130°, 50%, 79%
HSV	130°, 24%, 89%
XYZ	53.4292, 67.7484, 54.5185
YIQ	206.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

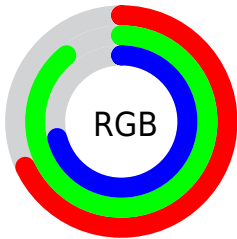
Format	Color
RYB	173, 220, 228
Decimal	11396278
CIELab	85.88, -26.49, 16.84
CIElCh	86, 31.389, 147.552
Yxy	67.7484, 0.3041, 0.3856
Android (android.graphics.Color)	4289586358 (0xFFADE4B6)
YUV	206.3110, -11.9853, -29.2137
Hunter-Lab	82.3094, -28.1725, 18.3453

Details

The Yxy color **67.7484, 0.3041, 0.3856** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.5170, 0.3227, 0.2783**, and the grayscale version is **62.0259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3511, 0.3064, 0.3462**, and **35.0120, 0.3009, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **64.6330, 0.3007, 0.4137**, and if you desaturate by 10%, it is **71.4206, 0.3077, 0.3601**.

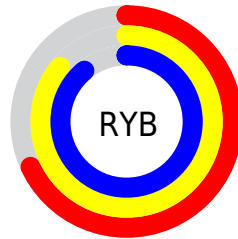
Distribution



Red (68%)

Green (89%)

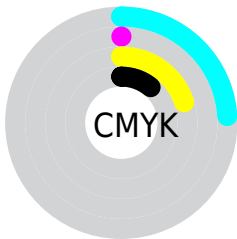
Blue (71%)



Red (68%)

Yellow (86%)

Blue (89%)

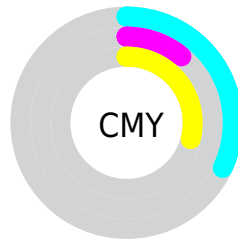


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7484, 0.3041, 0.3856 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 67.7484, 0.3041, 0.3856 by changing the saturation by 10% instead.


 67.7484, 0.3041,
0.3856

 67.7484, 0.3041,
0.3856


452.6041, 0.3087,
0.3580

 49.6931, 0.3029,
0.3922


 115.9921, 0.3058,
0.3758

 35.1696, 0.3013,
0.4007


146.9493, 0.3064,
0.3720

 23.7935, 0.2992,
0.4116


182.9760, 0.3070,
0.3688

 15.1805, 0.2962,
0.4265

224.4564, 0.3074,
0.3661

 8.9462, 0.2915,
0.4477

271.7750, 0.3078,
0.3637

 4.7061, 0.2837,
0.4805

325.3162, 0.3081,

 2.0759, 0.2695,

0.3616

0.5391

385.4645, 0.3084,
0.3597

0.6510, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.7484, 0.3041,
0.3856

67.7484, 0.3041,
0.3856

64.6330, 0.3007,
0.4137

71.4206, 0.3077,
0.3601

62.0390, 0.2976,
0.4440

75.6660, 0.3113,
0.3375

59.9401, 0.2952,
0.4754

80.5109, 0.3148,
0.3176

58.3045, 0.2936,
0.5065

83.9634, 0.3139,
0.3029

■ 57.0962, 0.2930,
0.5354

■ 56.2744, 0.2937,
0.5601

■ 55.7893, 0.2953,
0.5790

■ 55.6179, 0.2965,
0.5872

Harmonies

Analogous

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



67.7484, 0.3426, 0.3987



67.7484, 0.3041, 0.3856



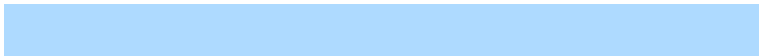
67.7484, 0.2694, 0.3540

Triad

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



67.7484, 0.3041, 0.3856



67.7484, 0.2529, 0.2685



67.7484, 0.3831, 0.3352

Complementary

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



67.7484, 0.3041, 0.3856



51.5170, 0.3227, 0.2783

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.



67.7484, 0.3561, 0.3046



67.7484, 0.3041, 0.3856



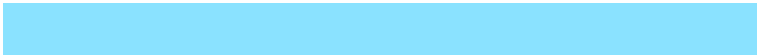
67.7484, 0.2801, 0.2673

Square

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



67.7484, 0.3041, 0.3856



67.7484, 0.2412, 0.2853



67.7484, 0.3177, 0.2804



67.7484, 0.3896, 0.3662

Rectangle

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



67.7484, 0.3041, 0.3856



67.7484, 0.2527, 0.3286



67.7484, 0.3177, 0.2804



67.7484, 0.3760, 0.3246

Sweetspot

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



67.7513, 0.3041, 0.3856



95.8451, 0.3102, 0.3438



73.6796, 0.3429, 0.3903



20.4419, 0.3100, 0.3452



0.0000, 0.0000, 0.0000



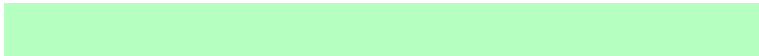
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7513, 0.3041, 0.3856



85.2045, 0.3023, 0.3996



68.9654, 0.2882, 0.3520



16.1273, 0.3094, 0.3493



32.1293, 0.2959, 0.5854



2.3859, 0.2893, 0.5614

Inverse Universe

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



51.5170, 0.3227, 0.2783



60.7961, 0.3253, 0.2674



50.2186, 0.3456, 0.3072



14.5728, 0.3163, 0.3096



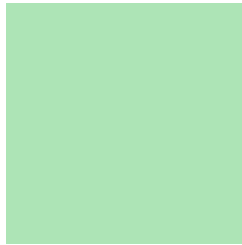
11.7074, 0.3668, 0.1794



0.8760, 0.3590, 0.1751

Previews

White Background



This preview shows how the Yxy color 67.7484, 0.3041, 0.3856 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 67.7484, 0.3041, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

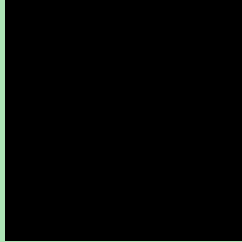
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7484, 0.3041, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 67.7484, 0.3041, 0.3856.

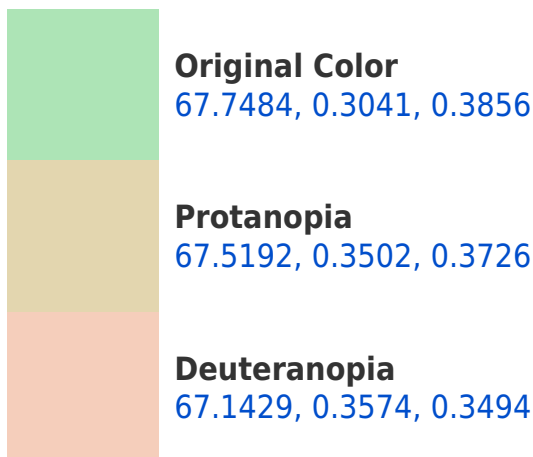


This preview shows how white text looks on a background with the Yxy color 67.7484, 0.3041, 0.3856.

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





Tritanopia

67.4267, 0.2769, 0.3083

Trichromacy



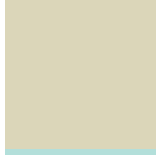
Original Color

67.7484, 0.3041, 0.3856



Protanomaly

67.1428, 0.3316, 0.3768



Deuteranomaly

66.6560, 0.3367, 0.3619



Tritanomaly

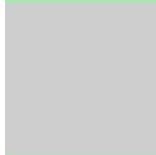
67.4210, 0.2862, 0.3348

Monochromacy



Original Color

67.7484, 0.3041, 0.3856



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.5937, 0.3096, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7484, 0.3041, 0.3856 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, 228, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 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, 228, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 182) }
```

Border

The CSS property to change the border of an element to Yxy 67.7484, 0.3041, 0.3856 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, 228, 182) }
```

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

```
.border{ border-color:rgb(173, 228, 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, 228, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7484, 0.3041, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 182) }
```

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

```
.background{ background-color: rgb(173,  
228, 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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