

Converting Colors

$Yxy(66.0047, 0.2965, 0.3643)$

Have a look what the booklet for
Yxy(66.0047, 0.2965, 0.3643)
contains.

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Color

Yxy(66.1357, 0.2962, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	ADE0C3
RGB	173, 224, 195
RGB Percent	68%, 88%, 76%
CMY	0.3215, 0.1216, 0.2353
CMYK	0.23, 0.00, 0.13, 0.12
HSL	146°, 45%, 78%
HSV	146°, 23%, 88%
XYZ	53.7432, 66.1357, 61.5634
YIQ	205.4450, -21.0870, -19.8310

Conversions

Conversions Part 2

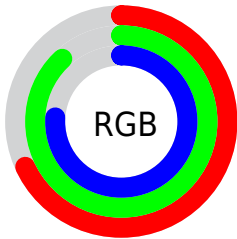
Format	Color
R _{YB}	173, 209, 224
Decimal	11395267
CIE Lab	85.07, -22.17, 8.87
CIE LCh	85, 23.878, 158.192
Yxy	66.1357, 0.2962, 0.3645
Android (android.graphics.Color)	4289585347 (0xFFADE0C3)
YUV	205.4450, -5.1494, -28.4543
Hunter-Lab	81.3239, -24.3543, 12.0433

Details

The Yxy color **66.1357, 0.2962, 0.3645** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.0085, 0.3336, 0.2960**, and the grayscale version is **61.3962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2063, 0.2986, 0.3320**, and **34.2921, 0.2924, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **63.2428, 0.2896, 0.3830**, and if you desaturate by 10%, it is **69.5114, 0.3033, 0.3478**.

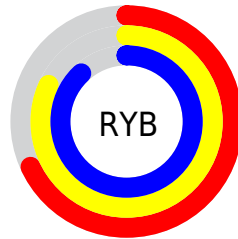
Distribution



Red (68%)

Green (88%)

Blue (76%)



Red (68%)

Yellow (82%)

Blue (88%)

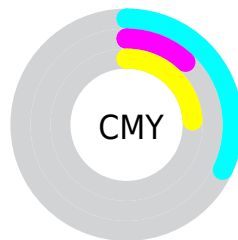


Cyan (23%)

Magenta (0%)

Yellow (13%)

Black (12%)



Cyan (32%)


Magenta (12%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1357, 0.2962, 0.3645 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 66.1357, 0.2962, 0.3645 by changing the saturation by 10% instead.

 66.1357, 0.2962,
0.3645

 66.1357, 0.2962,
0.3645

446.8620, 0.3042,
0.3473

 48.3826, 0.2943,
0.3686


 113.6811, 0.2990,
0.3584

 34.1299, 0.2919,
0.3738


144.2421, 0.3001,
0.3561

 22.9934, 0.2887,
0.3806


179.8412, 0.3011,
0.3541

 14.5887, 0.2845,
0.3897

220.8628, 0.3019,
0.3524

 8.5312, 0.2784,
0.4027

267.6913, 0.3026,
0.3509

 4.4367, 0.2690,
0.4228

320.7111, 0.3032,

 1.9207, 0.2528,

0.3496

0.4577

380.3065, 0.3037,
0.3484

■ 0.5608, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1357, 0.2962,
0.3645

■ 66.1357, 0.2962,
0.3645

■ 63.2428, 0.2896,
0.3830

■ 69.5114, 0.3033,
0.3478

■ 60.8020, 0.2837,
0.4030

■ 73.3826, 0.3107,
0.3328

■ 58.7914, 0.2789,
0.4243

■ 77.7719, 0.3181,
0.3196

■ 57.1843, 0.2756,
0.4465

■ 81.2233, 0.3200,
0.3075

■ 55.9508, 0.2741,
0.4690

■ 81.7913, 0.3141,
0.2989

■ 55.0565, 0.2745,
0.4909

■ 54.4601, 0.2767,
0.5115

■ 54.1666, 0.2793,
0.5254

Harmonies

Analogous

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



66.1357, 0.3258, 0.3801



66.1357, 0.2962, 0.3645



66.1357, 0.2718, 0.3381

Triad

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



66.1357, 0.2962, 0.3645



66.1357, 0.2727, 0.2803



66.1357, 0.3702, 0.3432

Complementary

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



66.1357, 0.2962, 0.3645



50.0085, 0.3336, 0.2960

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.



66.1357, 0.3547, 0.3185



66.1357, 0.2962, 0.3645



66.1357, 0.2975, 0.2833

Square

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



66.1357, 0.2962, 0.3645



66.1357, 0.2588, 0.2896



66.1357, 0.3276, 0.2970



66.1357, 0.3694, 0.3658

Rectangle

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



66.1357, 0.2962, 0.3645



66.1357, 0.2614, 0.3191



66.1357, 0.3276, 0.2970



66.1357, 0.3667, 0.3349

Sweetspot

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



66.1385, 0.2962, 0.3645



96.1336, 0.3075, 0.3390



68.9921, 0.3310, 0.3886



20.5086, 0.3071, 0.3399



0.0000, 0.0000, 0.0000



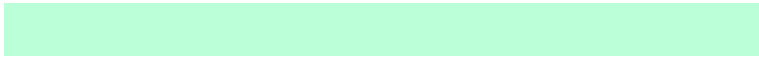
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1385, 0.2962, 0.3645



86.9273, 0.2932, 0.3725



67.3524, 0.2815, 0.3340



15.4349, 0.3057, 0.3426



31.5510, 0.2785, 0.5225



2.2046, 0.2700, 0.4921

Inverse Universe

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



50.0085, 0.3336, 0.2960



61.8944, 0.3387, 0.2893



48.9285, 0.3555, 0.3242



13.8305, 0.3204, 0.3157



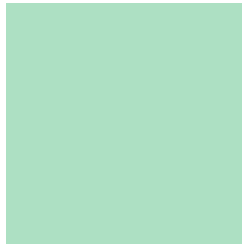
10.1460, 0.4663, 0.2342



0.7211, 0.4378, 0.2185

Previews

White Background



This preview shows how the Yxy color 66.1357, 0.2962, 0.3645 looks on a white background.

Color Contrast Check

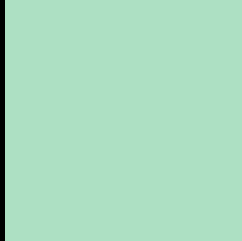
Large Text (above 18pt) WCAG AA × Fail

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 66.1357, 0.2962, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

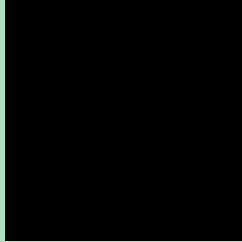
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

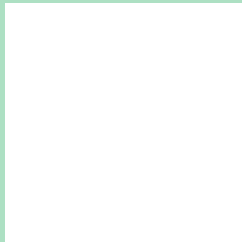
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1357, 0.2962, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 66.1357, 0.2962, 0.3645.

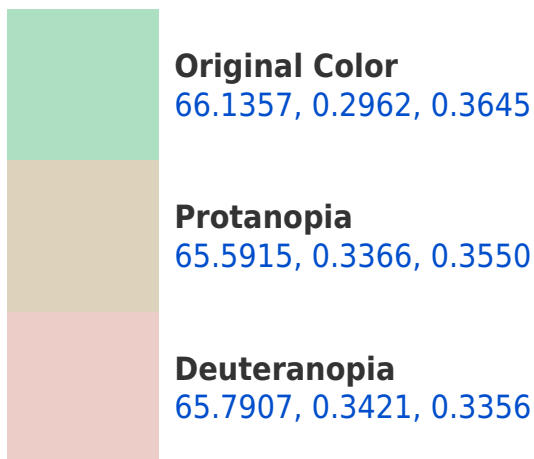


This preview shows how white text looks on a background with the Yxy color 66.1357, 0.2962, 0.3645.

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

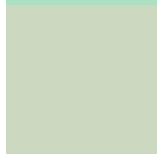
66.0227, 0.2766, 0.3081

Trichromacy



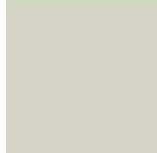
Original Color

66.1357, 0.2962, 0.3645



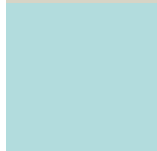
Protanomaly

65.7107, 0.3209, 0.3582



Deuteranomaly

65.4603, 0.3239, 0.3450



Tritanomaly

65.8718, 0.2836, 0.3277

Monochromacy



Original Color

66.1357, 0.2962, 0.3645



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.6415, 0.3062, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1357, 0.2962, 0.3645 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, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 195)  
}
```

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, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 195) }
```

Border

The CSS property to change the border of an element to Yxy 66.1357, 0.2962, 0.3645 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, 224, 195) }
```

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

```
.border{ border-color:rgb(173, 224, 195) }
```

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

Here you see how a box with a 4 pixel rgb(173, 224, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1357, 0.2962, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 195) }
```

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

```
.background{ background-color: rgb(173,  
224, 195) }
```

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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