

Converting Colors

Yxy(66.8743, 0.3010, 0.3664)

Have a look what the booklet for
Yxy(66.8743, 0.3010, 0.3664)
contains.

Yxy(66.7453, 0.3014, 0.3666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.7453, 0.3014, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	B3E0C1
RGB	179, 224, 193
RGB Percent	70%, 88%, 76%
CMY	0.2980, 0.1216, 0.2431
CMYK	0.20, 0.00, 0.14, 0.12
HSL	139°, 42%, 79%
HSV	139°, 20%, 88%
XYZ	54.8746, 66.7453, 60.4458
YIQ	207.0110, -16.8690, -19.1810

Conversions

Conversions Part 2

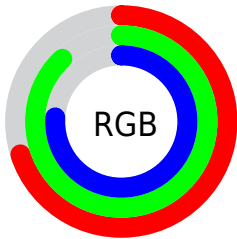
Format	Color
RYB	179, 213, 224
Decimal	11788481
CIELab	85.38, -20.62, 10.41
CIELCh	85, 23.101, 153.213
Yxy	66.7453, 0.3014, 0.3666
Android (android.graphics.Color)	4289978561 (0xFFB3E0C1)
YUV	207.0110, -6.9074, -24.5656
Hunter-Lab	81.6978, -23.0766, 13.3215

Details

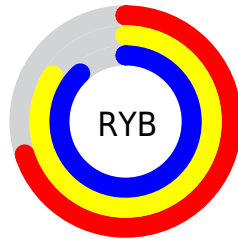
The Yxy color **66.7453, 0.3014, 0.3666** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.7477, 0.3262, 0.2941**, and the grayscale version is **62.4612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0217, 0.3039, 0.3349**, and **34.6756, 0.2990, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **63.6387, 0.2961, 0.3887**, and if you desaturate by 10%, it is **70.3630, 0.3070, 0.3468**.

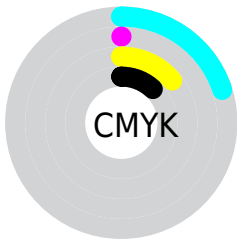
Distribution



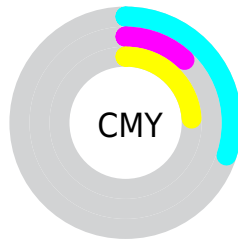
- Red (70%)
- Green (88%)
- Blue (76%)



- Red (70%)
- Yellow (84%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7453, 0.3014, 0.3666 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 66.7453, 0.3014, 0.3666 by changing the saturation by 10% instead.

 66.7453, 0.3014,
0.3666

 66.7453, 0.3014,
0.3666


449.0376, 0.3070,
0.3484

 48.8777, 0.3000,
0.3710


 114.5554, 0.3034,
0.3601

 34.5224, 0.2983,
0.3764


145.2666, 0.3042,
0.3577

 23.2952, 0.2961,
0.3836

181.0278, 0.3048,
0.3556

 14.8117, 0.2930,
0.3932

222.2234, 0.3053,
0.3538

 8.6873, 0.2885,
0.4070

269.2378, 0.3058,
0.3522

 4.5378, 0.2815,
0.4281

322.4554, 0.3063,

 1.9787, 0.2689,

0.3508

0.4647

382.2605, 0.3066,
0.3495

0.5951, 0.0946,
0.9054

0.0000, 0.0000,
0.0000

66.7453, 0.3014,
0.3666

66.7453, 0.3014,
0.3666

63.6387, 0.2961,
0.3887

70.3630, 0.3070,
0.3468

61.0116, 0.2913,
0.4127

74.5049, 0.3127,
0.3291

58.8420, 0.2873,
0.4384

79.1941, 0.3183,
0.3136

57.1025, 0.2845,
0.4651

81.7753, 0.3143,
0.2992

■ 55.7630, 0.2831,
0.4916

■ 81.7920, 0.3141,
0.2989

■ 54.7891, 0.2835,
0.5170

■ 54.1404, 0.2854,
0.5398

■ 53.7499, 0.2886,
0.5590

Harmonies

Analogous

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



66.7453, 0.3301, 0.3793



66.7453, 0.3014, 0.3666



66.7453, 0.2765, 0.3424

Triad

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



66.7453, 0.3014, 0.3666



66.7453, 0.2710, 0.2826



66.7453, 0.3667, 0.3388

Complementary

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



66.7453, 0.3014, 0.3666



52.7477, 0.3262, 0.2941

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.



66.7453, 0.3494, 0.3151



66.7453, 0.3014, 0.3666



66.7453, 0.2936, 0.2835

Square

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



66.7453, 0.3014, 0.3666



66.7453, 0.2596, 0.2936



66.7453, 0.3223, 0.2953



66.7453, 0.3686, 0.3614

Rectangle

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



66.7453, 0.3014, 0.3666



66.7453, 0.2652, 0.3240



66.7453, 0.3223, 0.2953



66.7453, 0.3625, 0.3308

Sweetspot

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



66.7481, 0.3014, 0.3666



96.5523, 0.3093, 0.3394



70.3432, 0.3328, 0.3805



20.5893, 0.3089, 0.3406



0.0000, 0.0000, 0.0000



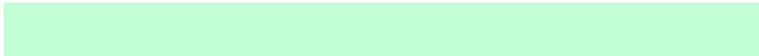
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7481, 0.3014, 0.3666



87.7585, 0.2992, 0.3754



67.8041, 0.2881, 0.3396



15.4071, 0.3074, 0.3456



31.3042, 0.2879, 0.5563



2.1856, 0.2792, 0.5250

Inverse Universe

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



52.7477, 0.3262, 0.2941



65.8088, 0.3295, 0.2868



51.7255, 0.3447, 0.3187



13.8593, 0.3185, 0.3130



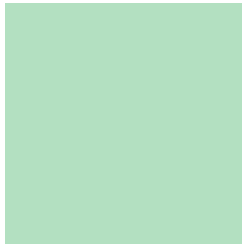
10.6104, 0.4184, 0.2078



0.7513, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 66.7453, 0.3014, 0.3666 looks on a white background.

Color Contrast Check

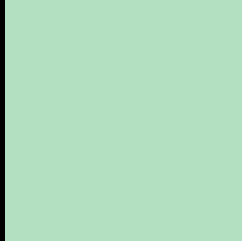
Large Text (above 18pt) WCAG AA × Fail

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 66.7453, 0.3014, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

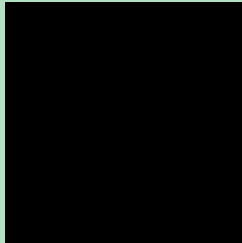
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

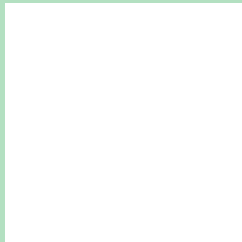
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7453, 0.3014, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 66.7453, 0.3014, 0.3666.

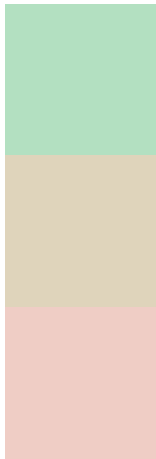


This preview shows how white text looks on a background with the Yxy color 66.7453, 0.3014, 0.3666.

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

66.7453, 0.3014, 0.3666

Protanopia

66.3628, 0.3388, 0.3571

Deuteranopia

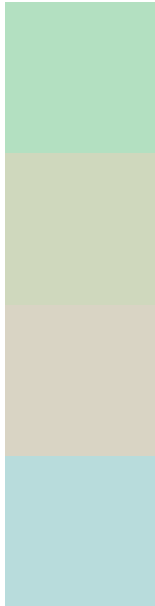
66.0446, 0.3452, 0.3377



Tritanopia

66.7058, 0.2810, 0.3095

Trichromacy



Original Color

66.7453, 0.3014, 0.3666

Protanomaly

66.0513, 0.3245, 0.3604

Deuteranomaly

65.8242, 0.3276, 0.3472

Tritanomaly

66.5441, 0.2881, 0.3289

Monochromacy



Original Color

66.7453, 0.3014, 0.3666

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.7231, 0.3085, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7453, 0.3014, 0.3666 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(179, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 193)  
}
```

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(179, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 193) }
```

Border

The CSS property to change the border of an element to Yxy 66.7453, 0.3014, 0.3666 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(179, 224, 193) }
```

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

```
.border{ border-color:rgb(179, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 224, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 224, 193); box-shadow:4px 4px 4px 4px rgb(179, 224, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7453, 0.3014, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 193) }
```

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

```
.background{ background-color: rgb(179,  
224, 193) }
```

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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