

Converting Colors

$Yxy(74.1640, 0.3160, 0.3788)$

Have a look what the booklet for
Yxy(74.1640, 0.3160, 0.3788)
contains.

Yxy(74.0013, 0.3158, 0.3786)	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(74.0013, 0.3158, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	C6E9BE
RGB	198, 233, 190
RGB Percent	78%, 91%, 75%
CMY	0.2234, 0.0863, 0.2550
CMYK	0.15, 0.00, 0.18, 0.09
HSL	109°, 49%, 83%
HSV	109°, 18%, 91%
XYZ	61.7264, 74.0013, 59.7327
YIQ	217.6330, -7.0570, -20.7930

Conversions

Conversions Part 2

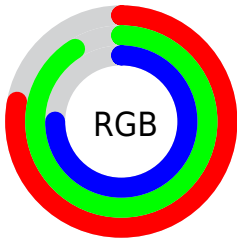
Format	Color
RYB	190, 233, 225
Decimal	13035966
CIELab	88.92, -19.26, 17.18
CIELCh	89, 25.808, 138.274
Yxy	74.0013, 0.3158, 0.3786
Android (android.graphics.Color)	4291226046 (0xFFC6E9BE)
YUV	217.6330, -13.6231, -17.2181
Hunter-Lab	86.0240, -22.4596, 19.0475

Details

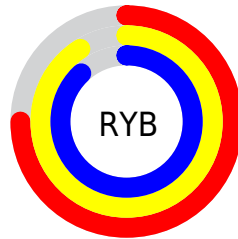
The Yxy color **74.0013, 0.3158, 0.3786** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6998, 0.3086, 0.2824**, and the grayscale version is **69.9489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **39.1797, 0.3159, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **70.6507, 0.3171, 0.4096**, and if you desaturate by 10%, it is **77.8429, 0.3142, 0.3505**.

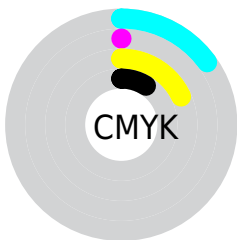
Distribution



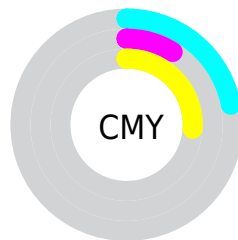
- Red (78%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (88%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0013, 0.3158, 0.3786 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 74.0013, 0.3158, 0.3786 by changing the saturation by 10% instead.

 74.0013, 0.3158,
0.3786

 74.0013, 0.3158,
0.3786

474.4779, 0.3147,
0.3550

 54.7951, 0.3159,
0.3841


 124.8977, 0.3155,
0.3703

 39.2377, 0.3161,
0.3911


157.3566, 0.3154,
0.3671

 26.9447, 0.3161,
0.4000


195.0019, 0.3152,
0.3644

 17.5317, 0.3161,
0.4119

238.2180, 0.3151,
0.3620

 10.6143, 0.3157,
0.4284

287.3892, 0.3150,
0.3599

 5.8081, 0.3145,
0.4530


342.9000, 0.3149,


 2.7288, 0.3108,


0.3581


0.4931

405.1348, 0.3148,
0.3565


 0.9918, 0.3209,
0.6791


 0.0000, 0.0000,
0.0000


 74.0013, 0.3158,
0.3786


 74.0013, 0.3158,
0.3786

 70.6507, 0.3171,
0.4096


 77.8429, 0.3142,
0.3505


 67.7620, 0.3179,
0.4427

 82.1844, 0.3124,
0.3253

 65.3175, 0.3180,
0.4768

 86.7281, 0.3136,
0.3078

 63.2946, 0.3172,
0.5103

 86.7572, 0.3137,
0.3078

■ 61.6688, 0.3156,
0.5407

■ 60.4129, 0.3130,
0.5659

■ 59.4958, 0.3096,
0.5839

■ 58.8784, 0.3060,
0.5944

■ 58.8045, 0.3055,
0.5956

Harmonies

Analogous

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



74.0013, 0.3458, 0.3840



74.0013, 0.3158, 0.3786



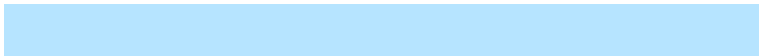
74.0013, 0.2860, 0.3576

Triad

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



74.0013, 0.3158, 0.3786



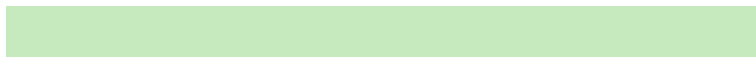
74.0013, 0.2600, 0.2833



74.0013, 0.3636, 0.3265

Complementary

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



74.0013, 0.3158, 0.3786



58.6998, 0.3086, 0.2824

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.



74.0013, 0.3385, 0.3026



74.0013, 0.3158, 0.3786



74.0013, 0.2787, 0.2781

Square

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



74.0013, 0.3158, 0.3786



74.0013, 0.2548, 0.3011



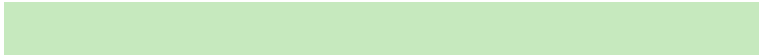
74.0013, 0.3072, 0.2852



74.0013, 0.3743, 0.3522

Rectangle

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



74.0013, 0.3158, 0.3786



74.0013, 0.2701, 0.3383



74.0013, 0.3072, 0.2852



74.0013, 0.3565, 0.3181

Sweetspot

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



74.0045, 0.3158, 0.3786



96.7708, 0.3138, 0.3441



74.5642, 0.3421, 0.3661



20.6406, 0.3139, 0.3458



0.0000, 0.0000, 0.0000



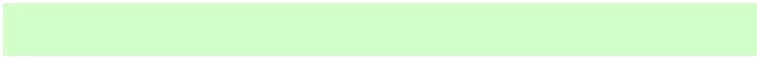
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0045, 0.3158, 0.3786



89.2532, 0.3163, 0.3896



73.5281, 0.3026, 0.3639



16.9978, 0.3144, 0.3532



33.4064, 0.3062, 0.5951



2.6613, 0.3147, 0.5883

Inverse Universe

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



58.6998, 0.3086, 0.2824



67.3428, 0.3076, 0.2728



59.3137, 0.3246, 0.2965



15.1630, 0.3108, 0.3056



9.5553, 0.2740, 0.1283



0.7871, 0.2808, 0.1321

Previews

White Background



This preview shows how the Yxy color 74.0013, 0.3158, 0.3786 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 74.0013, 0.3158, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

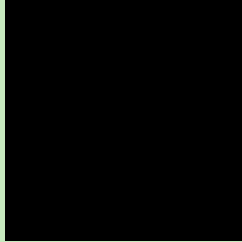
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

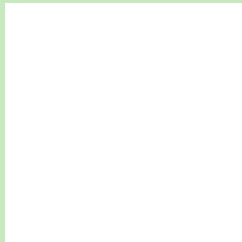
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0013, 0.3158, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 74.0013, 0.3158, 0.3786.

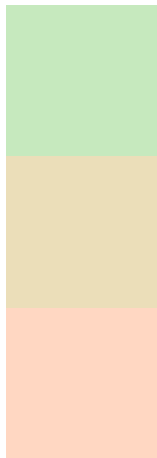


This preview shows how white text looks on a background with the Yxy color 74.0013, 0.3158, 0.3786.

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

74.0013, 0.3158, 0.3786

Protanopia

73.4075, 0.3475, 0.3689

Deuteranopia

73.7559, 0.3579, 0.3506



Tritanopia

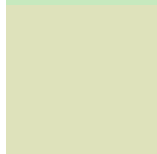
74.1898, 0.2889, 0.3095

Trichromacy



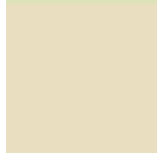
Original Color

74.0013, 0.3158, 0.3786



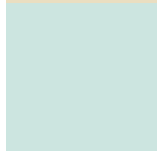
Protanomaly

73.5102, 0.3356, 0.3722



Deuteranomaly

73.5852, 0.3411, 0.3603



Tritanomaly

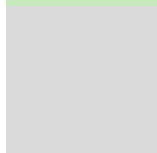
74.2578, 0.2990, 0.3345

Monochromacy



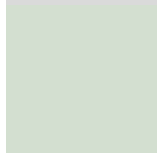
Original Color

74.0013, 0.3158, 0.3786



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.1783, 0.3140, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0013, 0.3158, 0.3786 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(198, 233, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 233, 190)  
}
```

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(198, 233, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 233, 190) }
```

Border

The CSS property to change the border of an element to Yxy 74.0013, 0.3158, 0.3786 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(198, 233, 190) }
```

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

```
.border{ border-color:rgb(198, 233, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 233, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 233, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 233, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 233,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0013, 0.3158, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 233, 190) }
```

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

```
.background{ background-color: rgb(198,  
233, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor