

Converting Colors

$Yxy(74.2565, 0.3156, 0.3623)$

Have a look what the booklet for
Yxy(74.2565, 0.3156, 0.3623)
contains.

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Color

Yxy(74.0761, 0.3153, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	CFE6C9
RGB	207, 230, 201
RGB Percent	81%, 90%, 79%
CMY	0.1882, 0.0980, 0.2118
CMYK	0.10, 0.00, 0.13, 0.10
HSL	108°, 37%, 85%
HSV	108°, 13%, 90%
XYZ	64.5734, 74.0761, 66.1503
YIQ	219.8170, -4.3990, -13.8950

Conversions

Conversions Part 2

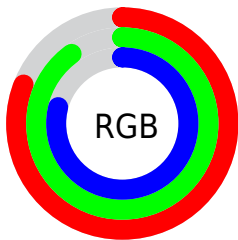
Format	Color
RYP	201, 230, 224
Decimal	13625033
CIELab	88.96, -12.86, 11.57
CIELCh	89, 17.298, 138.009
Yxy	74.0761, 0.3153, 0.3617
Android (android.graphics.Color)	4291815113 (0xFFCFE6C9)
YUV	219.8170, -9.2768, -11.2405
Hunter-Lab	86.0675, -16.6958, 14.6777

Details

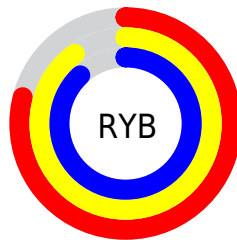
The Yxy color **74.0761, 0.3153, 0.3617** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3308, 0.3096, 0.2975**, and the grayscale version is **71.5070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1510, 0.3162, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **70.6003, 0.3171, 0.3909**, and if you desaturate by 10%, it is **78.0235, 0.3133, 0.3354**.

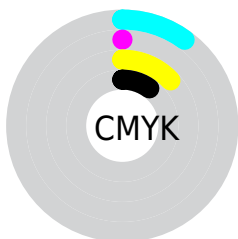
Distribution



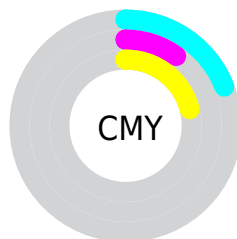
- Red (81%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (19%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0761, 0.3153, 0.3617 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 74.0761, 0.3153, 0.3617 by changing the saturation by 10% instead.

 74.0761, 0.3153,
0.3617

 74.0761, 0.3153,
0.3617


474.7360, 0.3143,
0.3463

 54.8563, 0.3155,
0.3653


125.0037, 0.3150,
0.3563

 39.2867, 0.3157,
0.3698


157.4803, 0.3148,
0.3542

 26.9828, 0.3160,
0.3755


195.1446, 0.3147,
0.3524

 17.5603, 0.3162,
0.3831

238.3810, 0.3146,
0.3509

 10.6348, 0.3164,
0.3936

287.5740, 0.3145,
0.3495

 5.8218, 0.3165,
0.4092


343.1079, 0.3144,

 2.7370, 0.3160,


0.3483


0.4345

405.3671, 0.3143,
0.3473


 0.9960, 0.3317,
0.5255


 0.0000, 0.0000,
0.0000


 74.0761, 0.3153,
0.3617


 74.0761, 0.3153,
0.3617


 70.6003, 0.3171,
0.3909

 78.0235, 0.3133,
0.3354

 67.5692, 0.3185,
0.4227

 82.4496, 0.3111,
0.3120

 64.9673, 0.3193,
0.4562

 85.0752, 0.3138,
0.3048

 62.7749, 0.3193,
0.4900

■ 60.9703, 0.3183,
0.5223

■ 59.5300, 0.3163,
0.5506

■ 58.4277, 0.3132,
0.5730

■ 57.6330, 0.3095,
0.5880

■ 57.2162, 0.3067,
0.5947

Harmonies

Analogous

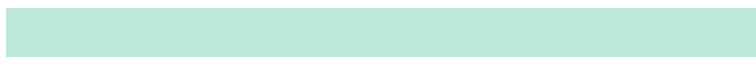
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0761, 0.3353, 0.3656



74.0761, 0.3153, 0.3617



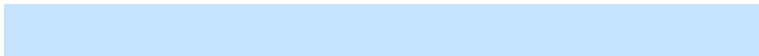
74.0761, 0.2951, 0.3481

Triad

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



74.0761, 0.3153, 0.3617



74.0761, 0.2769, 0.2984



74.0761, 0.3465, 0.3275

Complementary

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



74.0761, 0.3153, 0.3617



63.3308, 0.3096, 0.2975

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.



74.0761, 0.3299, 0.3109



74.0761, 0.3153, 0.3617



74.0761, 0.2897, 0.2943

Square

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



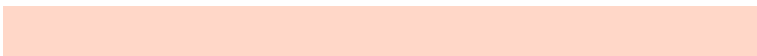
74.0761, 0.3153, 0.3617



74.0761, 0.2733, 0.3108



74.0761, 0.3090, 0.2989



74.0761, 0.3538, 0.3450

Rectangle

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



74.0761, 0.3153, 0.3617



74.0761, 0.2841, 0.3356



74.0761, 0.3090, 0.2989



74.0761, 0.3418, 0.3217

Sweetspot

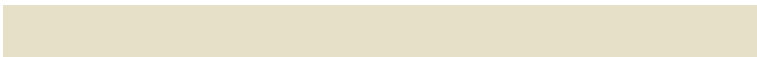
The Sweet Spot groups the original color and five complimentary colors.



74.0793, 0.3153, 0.3617



97.8591, 0.3136, 0.3389



74.2004, 0.3324, 0.3536



20.8620, 0.3137, 0.3408



0.0000, 0.0000, 0.0000



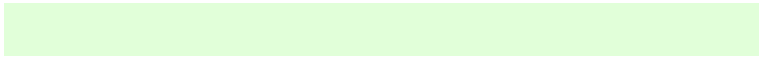
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0793, 0.3153, 0.3617



92.4732, 0.3158, 0.3687



73.6265, 0.3061, 0.3525



16.2324, 0.3147, 0.3531



32.4337, 0.3074, 0.5941



2.4359, 0.3169, 0.5865

Inverse Universe

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



63.3308, 0.3096, 0.2975



76.5035, 0.3089, 0.2911



63.8579, 0.3201, 0.3066



14.4565, 0.3105, 0.3056



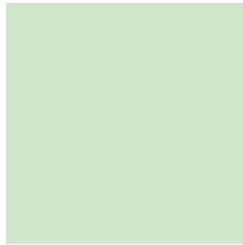
8.9399, 0.2690, 0.1256



0.6987, 0.2770, 0.1300

Previews

White Background



This preview shows how the Yxy color 74.0761, 0.3153, 0.3617 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 74.0761, 0.3153, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

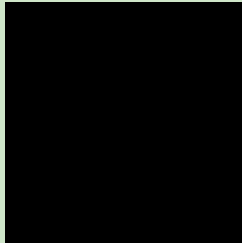
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

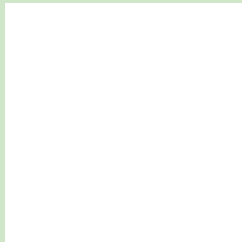
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0761, 0.3153, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 74.0761, 0.3153, 0.3617.

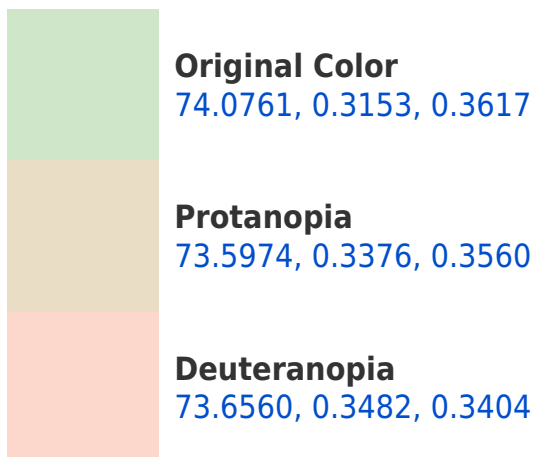


This preview shows how white text looks on a background with the Yxy color 74.0761, 0.3153, 0.3617.

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

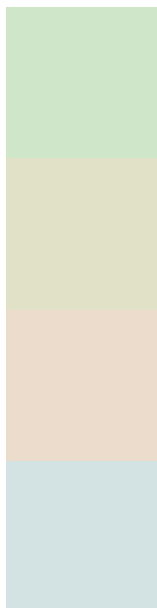




Tritanopia

73.8682, 0.2939, 0.3096

Trichromacy



Original Color

74.0761, 0.3153, 0.3617

Protanomaly

73.7749, 0.3299, 0.3586

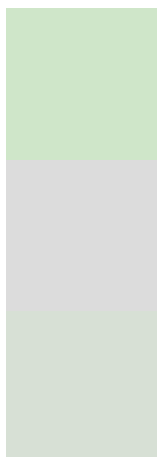
Deuteranomaly

73.3311, 0.3360, 0.3472

Tritanomaly

73.7876, 0.3018, 0.3279

Monochromacy



Original Color

74.0761, 0.3153, 0.3617

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5625, 0.3135, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0761, 0.3153, 0.3617 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(207, 230, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 230, 201)  
}
```

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(207, 230, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 230, 201) }
```

Border

The CSS property to change the border of an element to Yxy 74.0761, 0.3153, 0.3617 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(207, 230, 201) }
```

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

```
.border{ border-color:rgb(207, 230, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 230, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 230, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 230, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 230,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0761, 0.3153, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 230, 201) }
```

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

```
.background{ background-color: rgb(207,  
230, 201) }
```

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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