

Converting Colors

$Yxy(75.0344, 0.3135, 0.3628)$

Have a look what the booklet for
Yxy(75.0344, 0.3135, 0.3628)
contains.

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Color

Yxy(75.0993, 0.3138, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	CEE8CA
RGB	206, 232, 202
RGB Percent	81%, 91%, 79%
CMY	0.1924, 0.0901, 0.2079
CMYK	0.11, 0.00, 0.13, 0.09
HSL	112°, 40%, 85%
HSV	112°, 13%, 91%
XYZ	64.9563, 75.0993, 66.9435
YIQ	220.8060, -5.8660, -14.8420

Conversions

Conversions Part 2

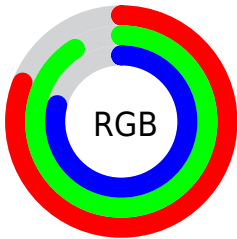
Format	Color
R _Y B	202, 232, 228
Decimal	13560010
CIE Lab	89.44, -14.06, 11.73
CIE LCh	89, 18.312, 140.174
Yxy	75.0993, 0.3138, 0.3628
Android (android.graphics.Color)	4291750090 (0xFFCEE8CA)
YUV	220.8060, -9.2714, -12.9849
Hunter-Lab	86.6599, -17.8591, 14.8612

Details

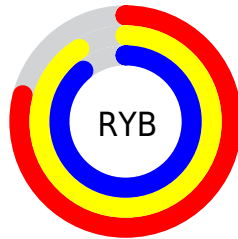
The Yxy color **75.0993, 0.3138, 0.3628** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.5723, 0.3112, 0.2968**, and the grayscale version is **72.2266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8642, 0.3143, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **71.3837, 0.3144, 0.3925**, and if you desaturate by 10%, it is **79.3565, 0.3130, 0.3362**.

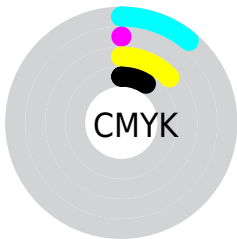
Distribution



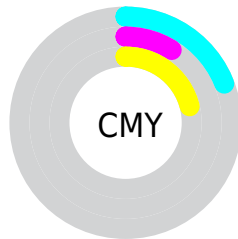
- Red (81%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)




- Cyan (19%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0993, 0.3138, 0.3628 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 75.0993, 0.3138, 0.3628 by changing the saturation by 10% instead.

 75.0993, 0.3138,
0.3628

 75.0993, 0.3138,
0.3628


478.2588, 0.3135,
0.3469

 55.6942, 0.3138,
0.3665

126.4529, 0.3137,
0.3572

 39.9578, 0.3138,
0.3711


159.1703, 0.3137,
0.3551

 27.5057, 0.3138,
0.3770


197.0938, 0.3136,
0.3532

 17.9534, 0.3137,
0.3848

240.6080, 0.3136,
0.3516

 10.9165, 0.3135,
0.3956

290.0972, 0.3136,
0.3502

 6.0107, 0.3129,
0.4116

345.9458, 0.3135,

 2.8516, 0.3112,

0.3490

0.4375

408.5382, 0.3135,
0.3479

■ 1.0548, 0.3213,
0.5215

■ 0.0000, 0.0000,
0.0000

■ 75.0993, 0.3138,
0.3628

■ 75.0993, 0.3138,
0.3628

■ 71.3837, 0.3144,
0.3925

■ 79.3565, 0.3130,
0.3362

■ 68.1787, 0.3146,
0.4250

■ 84.1658, 0.3120,
0.3128

■ 65.4647, 0.3144,
0.4593

■ 86.2061, 0.3138,
0.3068

■ 63.2175, 0.3137,
0.4940

■ 61.4102, 0.3122,
0.5270

■ 60.0136, 0.3102,
0.5557

■ 58.9948, 0.3076,
0.5778

■ 58.3154, 0.3048,
0.5919

■ 58.0091, 0.3030,
0.5976

Harmonies

Analogous

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



75.0993, 0.3351, 0.3677



75.0993, 0.3138, 0.3628



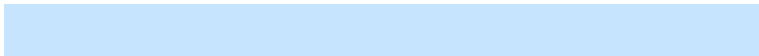
75.0993, 0.2927, 0.3478

Triad

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



75.0993, 0.3138, 0.3628



75.0993, 0.2757, 0.2961



75.0993, 0.3493, 0.3288

Complementary

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



75.0993, 0.3138, 0.3628



64.5723, 0.3112, 0.2968

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.



75.0993, 0.3323, 0.3111



75.0993, 0.3138, 0.3628



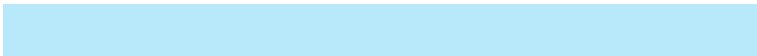
75.0993, 0.2898, 0.2925

Square

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



75.0993, 0.3138, 0.3628



75.0993, 0.2712, 0.3086



75.0993, 0.3104, 0.2981



75.0993, 0.3561, 0.3471

Rectangle

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



75.0993, 0.3138, 0.3628



75.0993, 0.2816, 0.3345



75.0993, 0.3104, 0.2981



75.0993, 0.3446, 0.3226

Sweetspot

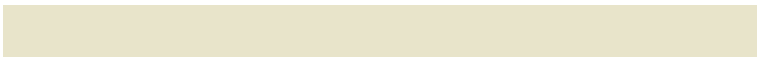
The Sweet Spot groups the original color and five complimentary colors.



75.1025, 0.3138, 0.3628



97.7183, 0.3131, 0.3389



76.9207, 0.3326, 0.3568



20.8266, 0.3131, 0.3409



0.0000, 0.0000, 0.0000



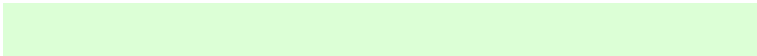
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1025, 0.3138, 0.3628



91.5317, 0.3140, 0.3718



75.0859, 0.3043, 0.3503



16.1794, 0.3135, 0.3532



32.2274, 0.3036, 0.5972



2.4109, 0.3109, 0.5913

Inverse Universe

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



64.5723, 0.3112, 0.2968



75.6727, 0.3108, 0.2888



64.6184, 0.3221, 0.3086



14.5142, 0.3117, 0.3057



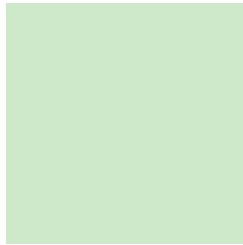
10.2097, 0.2881, 0.1361



0.7813, 0.2931, 0.1389

Previews

White Background



This preview shows how the Yxy color 75.0993, 0.3138, 0.3628 looks on a white background.

Color Contrast Check

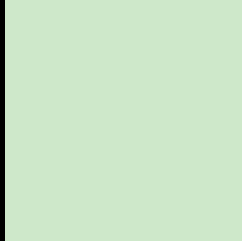
Large Text (above 18pt) WCAG AA × Fail

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 75.0993, 0.3138, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

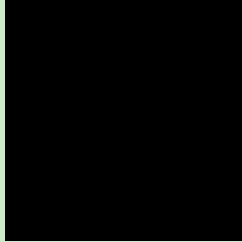
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

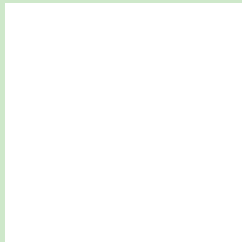
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0993, 0.3138, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 75.0993, 0.3138, 0.3628.

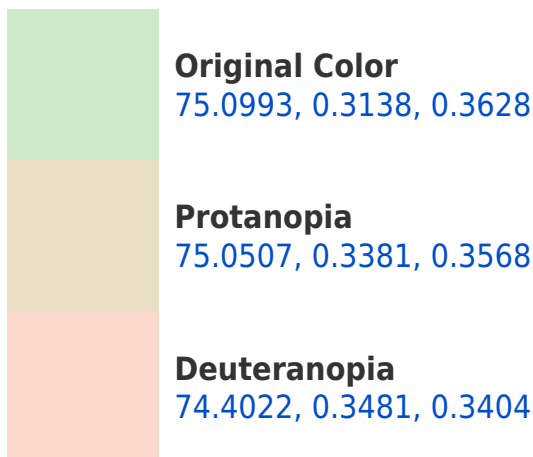


This preview shows how white text looks on a background with the Yxy color 75.0993, 0.3138, 0.3628.

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

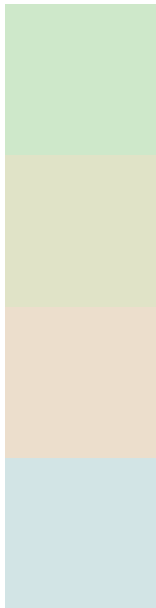




Tritanopia

75.0705, 0.2928, 0.3097

Trichromacy



Original Color

75.0993, 0.3138, 0.3628

Protanomaly

74.9090, 0.3289, 0.3596

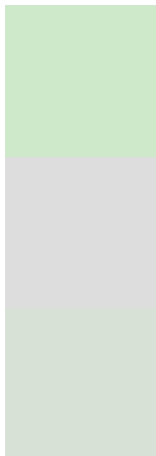
Deuteranomaly

74.4351, 0.3350, 0.3482

Tritanomaly

74.8456, 0.2999, 0.3279

Monochromacy



Original Color

75.0993, 0.3138, 0.3628

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3044, 0.3135, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0993, 0.3138, 0.3628 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(206, 232, 202)` looks like.

```
.text, #text, p{  
    color:rgb(206, 232, 202)  
}
```

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(206, 232, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 232, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.0993, 0.3138, 0.3628 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(206, 232, 202) }
```

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

```
.border{ border-color:rgb(206, 232, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 232, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 232, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 232, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 232,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0993, 0.3138, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 232, 202) }
```

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

```
.background{ background-color: rgb(206,  
232, 202) }
```

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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