

Converting Colors

$Y_{xy}(75.2742, 0.3113, 0.3593)$

Have a look what the booklet for
Yxy(75.2742, 0.3113, 0.3593)
contains.

Yxy(75.1001, 0.3113, 0.3594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.1001, 0.3113, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	CDE8CD
RGB	205, 232, 205
RGB Percent	80%, 91%, 80%
CMY	0.1961, 0.0902, 0.1962
CMYK	0.12, 0.00, 0.12, 0.09
HSL	120°, 37%, 86%
HSV	120°, 12%, 91%
XYZ	65.0491, 75.1001, 68.8104
YIQ	220.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

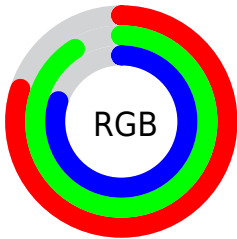
Format	Color
R_{YB}	205, 232, 232
Decimal	13494477
CIE _{Lab}	89.44, -13.86, 10.16
CIE _{LCh}	89, 17.183, 143.741
Yxy	75.1001, 0.3113, 0.3594
Android (android.graphics.Color)	4291684557 (0xFFCDE8CD)
YUV	220.8490, -7.8136, -13.8996
Hunter-Lab	86.6603, -17.6695, 13.5845

Details

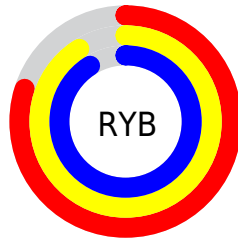
The Yxy color **75.1001, 0.3113, 0.3594** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.6340, 0.3140, 0.3004**, and the grayscale version is **72.2547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8643, 0.3110, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **71.0080, 0.3099, 0.3893**, and if you desaturate by 10%, it is **79.8535, 0.3125, 0.3330**.

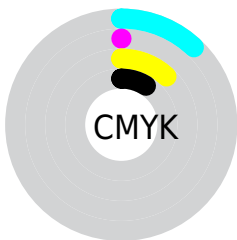
Distribution



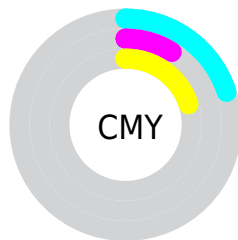
- Red (80%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1001, 0.3113, 0.3594 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 75.1001, 0.3113, 0.3594 by changing the saturation by 10% instead.

■ 75.1001, 0.3113,
0.3594

■ 75.1001, 0.3113,
0.3594

478.2616, 0.3121,
0.3451

■ 55.6949, 0.3111,
0.3627

126.4540, 0.3116,
0.3544

■ 39.9584, 0.3108,
0.3669

159.1716, 0.3117,
0.3525

■ 27.5061, 0.3104,
0.3721

197.0954, 0.3118,
0.3508

■ 17.9537, 0.3098,
0.3791

240.6098, 0.3119,
0.3494

■ 10.9167, 0.3090,
0.3888

290.0992, 0.3120,
0.3481

■ 6.0109, 0.3075,
0.4032

345.9480, 0.3120,

■ 2.8517, 0.3047,

0.3470

0.4263

408.5407, 0.3121,
0.3460

■ 1.0548, 0.3065,
0.4935

■ 0.0000, 0.0000,
0.0000

■ 75.1001, 0.3113,
0.3594

■ 75.1001, 0.3113,
0.3594

■ 71.0080, 0.3099,
0.3893

■ 79.8535, 0.3125,
0.3330

■ 67.5388, 0.3084,
0.4224

■ 85.2853, 0.3136,
0.3101

■ 64.6648, 0.3067,
0.4578

■ 86.1983, 0.3138,
0.3068

■ 62.3527, 0.3050,
0.4939

■ 60.5656, 0.3034,
0.5282

■ 59.2626, 0.3020,
0.5580

■ 58.3962, 0.3009,
0.5806

■ 57.9100, 0.3003,
0.5943

■ 57.7191, 0.3000,
0.6000

Harmonies

Analogous

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



75.1001, 0.3316, 0.3653



75.1001, 0.3113, 0.3594



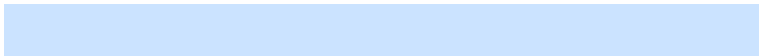
75.1001, 0.2919, 0.3445

Triad

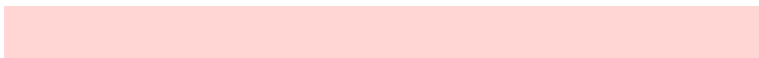
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1001, 0.3113, 0.3594



75.1001, 0.2790, 0.2972



75.1001, 0.3483, 0.3309

Complementary

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



75.1001, 0.3113, 0.3594



66.6340, 0.3140, 0.3004

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.



75.1001, 0.3334, 0.3140



75.1001, 0.3113, 0.3594



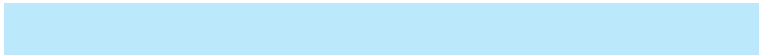
75.1001, 0.2933, 0.2949

Square

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



75.1001, 0.3113, 0.3594



75.1001, 0.2737, 0.3081



75.1001, 0.3131, 0.3010



75.1001, 0.3534, 0.3479

Rectangle

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



75.1001, 0.3113, 0.3594



75.1001, 0.2819, 0.3319



75.1001, 0.3131, 0.3010



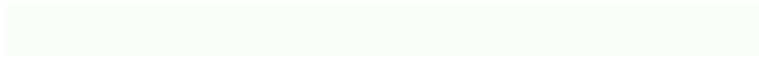
75.1001, 0.3443, 0.3251

Sweetspot

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



75.1033, 0.3113, 0.3594



98.0957, 0.3124, 0.3364



79.0290, 0.3301, 0.3573



20.8903, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



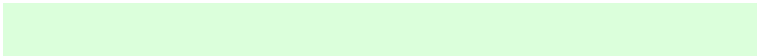
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1033, 0.3113, 0.3594



91.7600, 0.3110, 0.3663



75.7586, 0.3033, 0.3445



16.0896, 0.3116, 0.3533



32.0408, 0.3000, 0.6000



2.3678, 0.3000, 0.6000

Inverse Universe

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



66.6340, 0.3140, 0.3004



79.2959, 0.3143, 0.2943



65.9214, 0.3234, 0.3140



14.6148, 0.3138, 0.3059



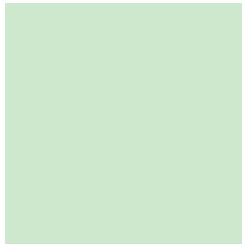
12.7469, 0.3208, 0.1541



0.9421, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 75.1001, 0.3113, 0.3594 looks on a white background.

Color Contrast Check

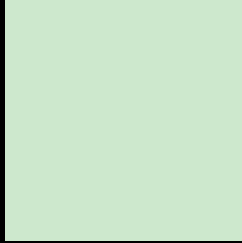
Large Text (above 18pt) WCAG AA × Fail

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 75.1001, 0.3113, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

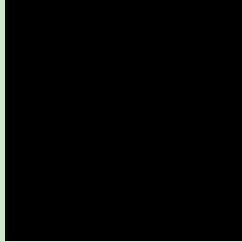
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

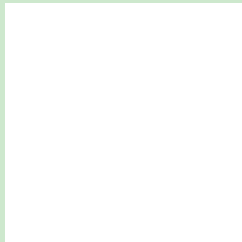
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1001, 0.3113, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 75.1001, 0.3113, 0.3594.

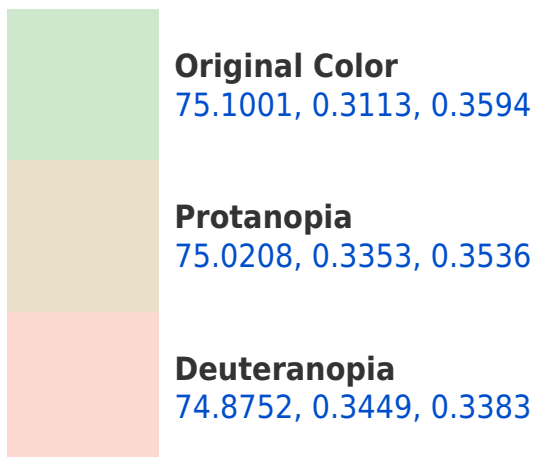


This preview shows how white text looks on a background with the Yxy color 75.1001, 0.3113, 0.3594.

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

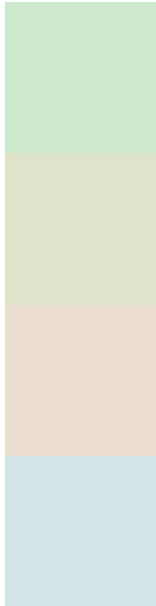




Tritanopia

74.7733, 0.2915, 0.3097

Trichromacy



Original Color

75.1001, 0.3113, 0.3594

Protanomaly

74.8904, 0.3262, 0.3563

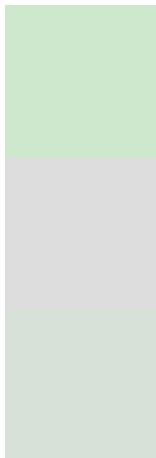
Deuteranomaly

74.4097, 0.3322, 0.3450

Tritanomaly

74.7553, 0.2986, 0.3268

Monochromacy



Original Color

75.1001, 0.3113, 0.3594

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2038, 0.3122, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1001, 0.3113, 0.3594 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(205, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 232, 205)  
}
```

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(205, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 232, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.1001, 0.3113, 0.3594 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(205, 232, 205) }
```

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

```
.border{ border-color:rgb(205, 232, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 232, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(205, 232,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1001, 0.3113, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 232, 205) }
```

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

```
.background{ background-color: rgb(205,  
232, 205) }
```

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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