

Converting Colors

$Yxy(74.9371, 0.2905, 0.3238)$

Have a look what the booklet for
Yxy(74.9371, 0.2905, 0.3238)
contains.

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Color

Yxy(75.0093, 0.2905, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	C9E6EB
RGB	201, 230, 235
RGB Percent	79%, 90%, 92%
CMY	0.2119, 0.0980, 0.0783
CMYK	0.14, 0.02, 0.00, 0.08
HSL	189°, 46%, 85%
HSV	189°, 14%, 92%
XYZ	67.3785, 75.0093, 89.5519
YIQ	221.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

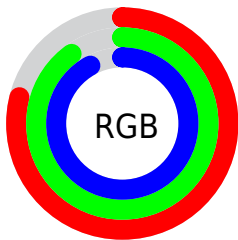
Format	Color
R _Y B	201, 217, 235
Decimal	13231851
CIE Lab	89.40, -8.47, -5.67
CIE LCh	89, 10.194, 213.765
Yxy	75.0093, 0.2905, 0.3234
Android (android.graphics.Color)	4291421931 (0xFFC9E6EB)
YUV	221.8990, 6.4588, -18.3284
Hunter-Lab	86.6079, -12.6959, -0.6799

Details

The Yxy color **75.0093, 0.2905, 0.3234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.0299, 0.3389, 0.3345**, and the grayscale version is **72.9357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7298, 0.2859, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **70.0881, 0.2758, 0.3191**, and if you desaturate by 10%, it is **80.4736, 0.3058, 0.3273**.

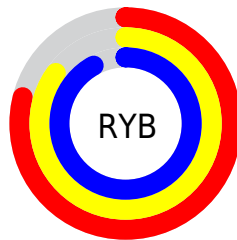
Distribution



Red (79%)

Green (90%)

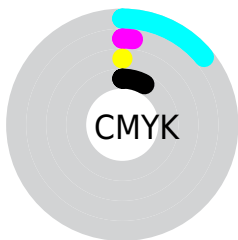
Blue (92%)



Red (79%)

Yellow (85%)

Blue (92%)

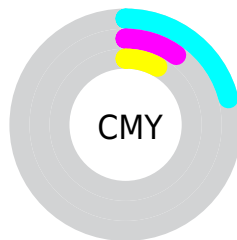


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0093, 0.2905, 0.3234 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 75.0093, 0.2905, 0.3234 by changing the saturation by 10% instead.

■ 75.0093, 0.2905,
0.3234

■ 75.0093, 0.2905,
0.3234

477.9495, 0.3007,
0.3261

■ 55.6205, 0.2882,
0.3228

126.3255, 0.2940,
0.3243

■ 39.8987, 0.2854,
0.3220

159.0218, 0.2954,
0.3247

■ 27.4596, 0.2818,
0.3210

196.9226, 0.2966,
0.3250

■ 17.9187, 0.2772,
0.3196

240.4124, 0.2976,
0.3253

■ 10.8916, 0.2710,
0.3177

289.8756, 0.2985,
0.3255

■ 5.9940, 0.2621,
0.3150

345.6966, 0.2993,

■ 2.8414, 0.2485,

0.3257

0.3104

408.2598, 0.3000,
0.3259

■ 1.0495, 0.2249,
0.3018

■ 0.0000, 0.0000,
0.0000

■ 75.0093, 0.2905,
0.3234

■ 75.0093, 0.2905,
0.3234

■ 70.0881, 0.2758,
0.3191

■ 80.4736, 0.3058,
0.3273

■ 65.6777, 0.2621,
0.3145

■ 86.4930, 0.3213,
0.3309

■ 61.7569, 0.2495,
0.3096

■ 89.8286, 0.3257,
0.3343

■ 58.2989, 0.2385,
0.3046

■ 91.8966, 0.3254,
0.3377

■ 55.2742, 0.2292,
0.2993

■ 94.0040, 0.3251,
0.3410

■ 52.6497, 0.2218,
0.2940

■ 96.1509, 0.3248,
0.3443

■ 50.3871, 0.2163,
0.2888

■ 98.3375, 0.3244,
0.3476

■ 48.4392, 0.2127,
0.2835

■ 98.7804, 0.3244,
0.3483

■ 47.4611, 0.2113,
0.2807

Harmonies

Analogous

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



75.0093, 0.2971, 0.3346



75.0093, 0.2905, 0.3234



75.0093, 0.2897, 0.3141

Triad

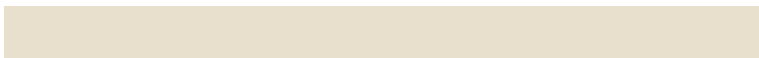
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0093, 0.2905, 0.3234



75.0093, 0.3172, 0.3144



75.0093, 0.3306, 0.3494

Complementary

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



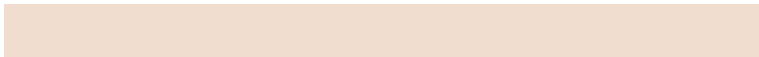
75.0093, 0.2905, 0.3234



66.0299, 0.3389, 0.3345

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.



75.0093, 0.3362, 0.3434



75.0093, 0.2905, 0.3234



75.0093, 0.3284, 0.3234

Square

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



75.0093, 0.2905, 0.3234



75.0093, 0.3050, 0.3091



75.0093, 0.3355, 0.3339



75.0093, 0.3202, 0.3498

Rectangle

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



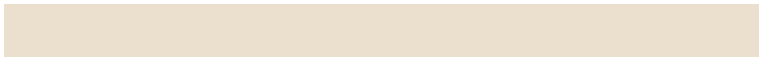
75.0093, 0.2905, 0.3234



75.0093, 0.2926, 0.3101



75.0093, 0.3355, 0.3339



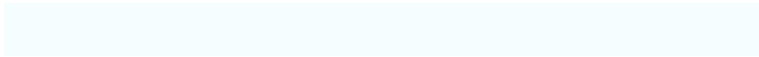
75.0093, 0.3331, 0.3479

Sweetspot

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



75.0124, 0.2905, 0.3234



97.1592, 0.3065, 0.3275



76.2854, 0.3081, 0.3623



20.6843, 0.3053, 0.3272



0.0000, 0.0000, 0.0000



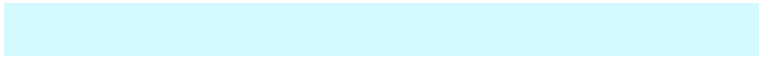
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0124, 0.2905, 0.3234



88.6683, 0.2866, 0.3223



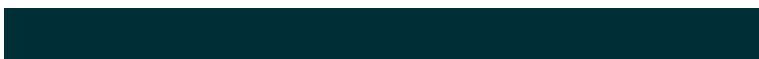
66.2373, 0.2899, 0.3048



16.7207, 0.2981, 0.3254



26.5529, 0.2115, 0.2815



2.1883, 0.2135, 0.2887

Inverse Universe

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



65.1441, 0.3180, 0.2983



74.9867, 0.3190, 0.2927



74.4189, 0.3363, 0.3521



15.2733, 0.3160, 0.3092



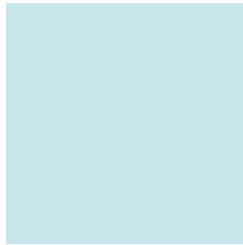
12.1733, 0.3621, 0.1768



0.9663, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 75.0093, 0.2905, 0.3234 looks on a white background.

Color Contrast Check

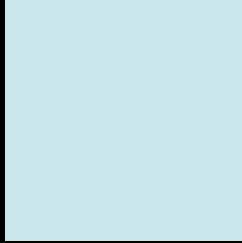
Large Text (above 18pt) WCAG AA × Fail

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 75.0093, 0.2905, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

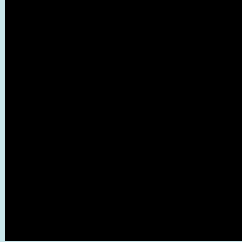
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

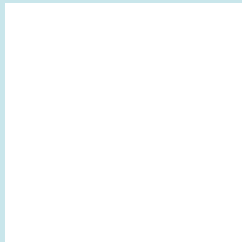
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0093, 0.2905, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 75.0093, 0.2905, 0.3234.

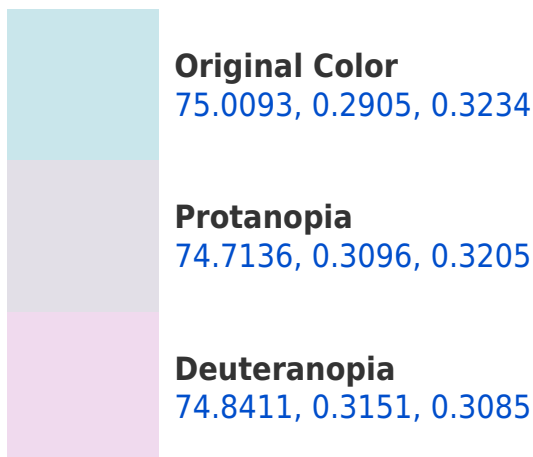


This preview shows how white text looks on a background with the Yxy color 75.0093, 0.2905, 0.3234.

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

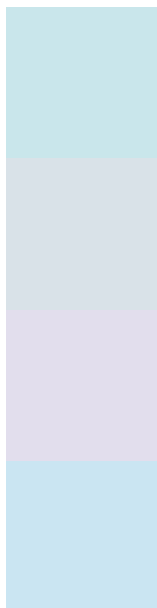




Tritanopia

74.8371, 0.2853, 0.3094

Trichromacy



Original Color

75.0093, 0.2905, 0.3234

Protanomaly

74.9706, 0.3028, 0.3225

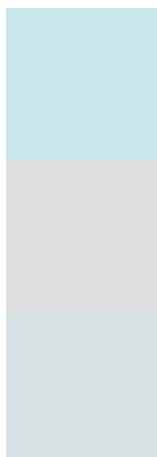
Deuteranomaly

74.5257, 0.3058, 0.3132

Tritanomaly

75.0060, 0.2871, 0.3148

Monochromacy



Original Color

75.0093, 0.2905, 0.3234

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6926, 0.3039, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0093, 0.2905, 0.3234 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(201, 230, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 235)  
}
```

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(201, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.0093, 0.2905, 0.3234 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(201, 230, 235) }
```

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

```
.border{ border-color:rgb(201, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 230,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0093, 0.2905, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 235) }
```

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

```
.background{ background-color: rgb(201,  
230, 235) }
```

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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