

Converting Colors

$Yxy(75.5381, 0.2929, 0.3242)$

Have a look what the booklet for
Yxy(75.5381, 0.2929, 0.3242)
contains.

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Color

Yxy(75.4292, 0.2924, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	CCE6EB
RGB	204, 230, 235
RGB Percent	80%, 90%, 92%
CMY	0.2003, 0.0979, 0.0784
CMYK	0.13, 0.02, 0.00, 0.08
HSL	190°, 44%, 86%
HSV	190°, 13%, 92%
XYZ	68.1777, 75.4292, 89.5591
YIQ	222.7960, -17.1010, -3.9570

Conversions

Conversions Part 2

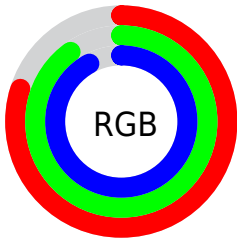
Format	Color
R _{YB}	204, 218, 235
Decimal	13428459
CIE Lab	89.59, -7.56, -5.33
CIE LCh	90, 9.255, 215.180
Yxy	75.4292, 0.2924, 0.3235
Android (android.graphics.Color)	4291618539 (0xFFCCE6EB)
YUV	222.7960, 6.0166, -16.4841
Hunter-Lab	86.8500, -11.8639, -0.3444

Details

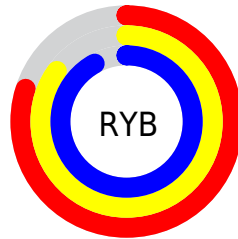
The Yxy color **75.4292, 0.2924, 0.3235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5674, 0.3362, 0.3344**, and the grayscale version is **73.5983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3986, 0.2884, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **70.2896, 0.2776, 0.3189**, and if you desaturate by 10%, it is **81.1211, 0.3077, 0.3277**.

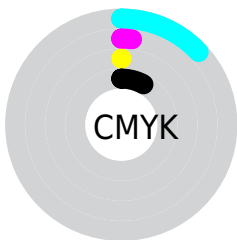
Distribution



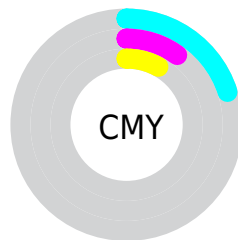
- Red (80%)
- Green (90%)
- Blue (92%)



- Red (80%)
- Yellow (85%)
- Blue (92%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4292, 0.2924, 0.3235 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 75.4292, 0.2924, 0.3235 by changing the saturation by 10% instead.

■ 75.4292, 0.2924,
0.3235

■ 75.4292, 0.2924,
0.3235

479.3915, 0.3017,
0.3261

■ 55.9646, 0.2903,
0.3229

126.9197, 0.2956,
0.3244

■ 40.1745, 0.2877,
0.3221

159.7144, 0.2969,
0.3248

■ 27.6746, 0.2845,
0.3212

197.7213, 0.2979,
0.3251

■ 18.0805, 0.2803,
0.3199

241.3246, 0.2989,
0.3253

■ 11.0078, 0.2746,
0.3181

290.9090, 0.2997,
0.3256

■ 6.0721, 0.2665,
0.3154

346.8586, 0.3004,

■ 2.8890, 0.2541,

0.3258

0.3111

409.5580, 0.3011,
0.3260

■ 1.0740, 0.2326,
0.3029

■ 0.0000, 0.0000,
0.0000

■ 75.4292, 0.2924,
0.3235

■ 75.4292, 0.2924,
0.3235

■ 70.2896, 0.2776,
0.3189

■ 81.1211, 0.3077,
0.3277

■ 65.6703, 0.2636,
0.3139

■ 87.3772, 0.3233,
0.3316

■ 61.5500, 0.2508,
0.3087

■ 90.3486, 0.3257,
0.3352

■ 57.9024, 0.2394,
0.3032

■ 92.6012, 0.3253,
0.3388

■ 54.6982, 0.2297,
0.2975

■ 94.9000, 0.3250,
0.3424

■ 51.9049, 0.2218,
0.2918

■ 97.2453, 0.3246,
0.3460

■ 49.4847, 0.2160,
0.2860

■ 98.7779, 0.3244,
0.3483

■ 47.3921, 0.2120,
0.2803

■ 46.1124, 0.2101,
0.2764

Harmonies

Analogous

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



75.4292, 0.2982, 0.3336



75.4292, 0.2924, 0.3235



75.4292, 0.2919, 0.3152

Triad

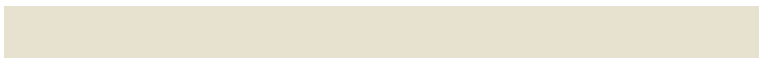
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4292, 0.2924, 0.3235



75.4292, 0.3173, 0.3160



75.4292, 0.3286, 0.3476

Complementary

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



75.4292, 0.2924, 0.3235



67.5674, 0.3362, 0.3344

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.



75.4292, 0.3339, 0.3425



75.4292, 0.2924, 0.3235



75.4292, 0.3274, 0.3243

Square

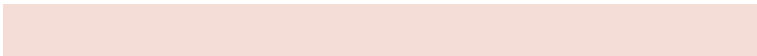
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4292, 0.2924, 0.3235



75.4292, 0.3062, 0.3111



75.4292, 0.3335, 0.3339



75.4292, 0.3190, 0.3477

Rectangle

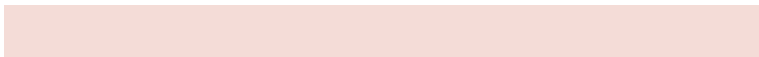
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



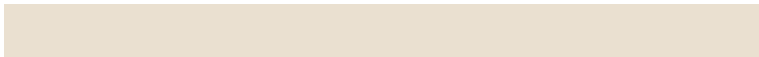
75.4292, 0.2924, 0.3235



75.4292, 0.2947, 0.3117



75.4292, 0.3335, 0.3339



75.4292, 0.3309, 0.3464

Sweetspot

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



75.4323, 0.2924, 0.3235



97.0798, 0.3065, 0.3274



76.8241, 0.3082, 0.3585



20.6642, 0.3053, 0.3271



0.0000, 0.0000, 0.0000



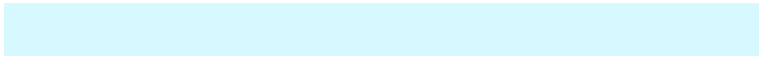
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4323, 0.2924, 0.3235



88.9720, 0.2881, 0.3222



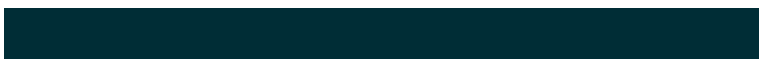
67.3237, 0.2919, 0.3065



16.6876, 0.2981, 0.3251



25.8222, 0.2104, 0.2773



2.1376, 0.2126, 0.2852

Inverse Universe

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



66.5262, 0.3178, 0.3015



76.2611, 0.3190, 0.2954



75.3940, 0.3340, 0.3505



15.2700, 0.3162, 0.3094



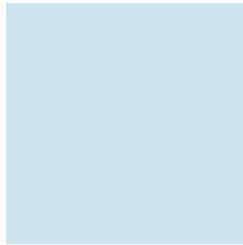
12.0996, 0.3659, 0.1789



0.9612, 0.3587, 0.1749

Previews

White Background



This preview shows how the Yxy color 75.4292, 0.2924, 0.3235 looks on a white background.

Color Contrast Check

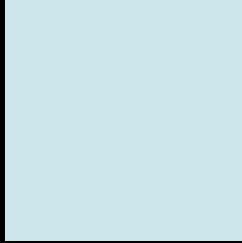
Large Text (above 18pt) WCAG AA × Fail

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 75.4292, 0.2924, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

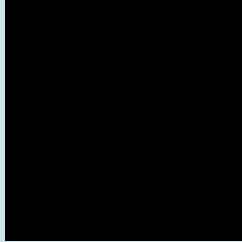
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

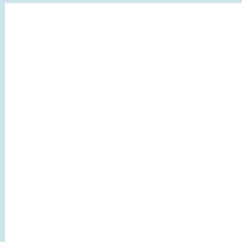
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4292, 0.2924, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 75.4292, 0.2924, 0.3235.

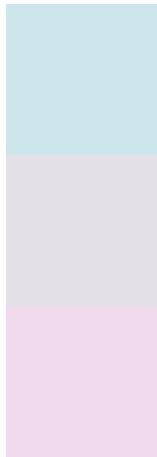


This preview shows how white text looks on a background with the Yxy color 75.4292, 0.2924, 0.3235.

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

75.4292, 0.2924, 0.3235

Protanopia

75.4117, 0.3103, 0.3216

Deuteranopia

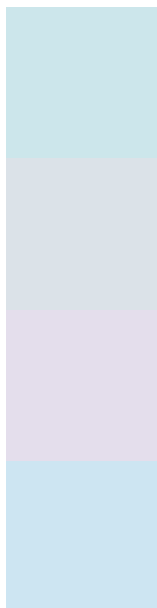
74.9580, 0.3165, 0.3096



Tritanopia

75.2624, 0.2872, 0.3096

Trichromacy



Original Color

75.4292, 0.2924, 0.3235

Protanomaly

75.2790, 0.3041, 0.3225

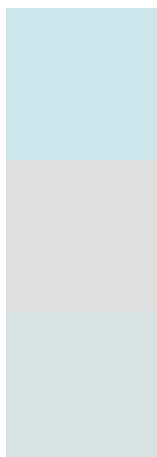
Deuteranomaly

74.7927, 0.3078, 0.3143

Tritanomaly

75.4286, 0.2890, 0.3149

Monochromacy



Original Color

75.4292, 0.2924, 0.3235

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.5377, 0.3052, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4292, 0.2924, 0.3235 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(204, 230, 235)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.4292, 0.2924, 0.3235 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(204, 230, 235) }
```

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

```
.border{ border-color:rgb(204, 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(204, 230, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(204, 230,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4292, 0.2924, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 235) }
```

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

```
.background{ background-color: rgb(204,  
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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