

Converting Colors

$Yxy(75.9269, 0.2948, 0.3323)$

Have a look what the booklet for
Yxy(75.9269, 0.2948, 0.3323)
contains.

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Color

Yxy(75.9269, 0.2948, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CAE8E5
RGB	202, 232, 229
RGB Percent	79%, 91%, 90%
CMY	0.2077, 0.0902, 0.1021
CMYK	0.13, 0.00, 0.01, 0.09
HSL	174°, 39%, 85%
HSV	174°, 13%, 91%
XYZ	67.3586, 75.9269, 85.2036
YIQ	222.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

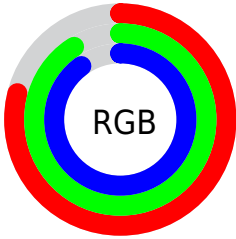
Format	Color
R _Y B	202, 218, 232
Decimal	13297893
CIE Lab	89.83, -10.36, -1.84
CIE LCh	90, 10.526, 190.090
Yxy	75.9269, 0.2948, 0.3323
Android (android.graphics.Color)	4291487973 (0xFFCAE8E5)
YUV	222.6880, 3.1118, -18.1434
Hunter-Lab	87.1360, -14.5027, 3.0202

Details

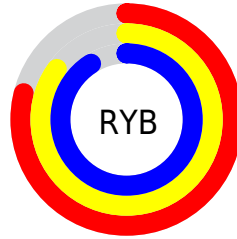
The Yxy color **75.9269, 0.2948, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8249, 0.3340, 0.3257**, and the grayscale version is **73.5497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4026, 0.2906, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **72.8021, 0.2818, 0.3351**, and if you desaturate by 10%, it is **79.5464, 0.3086, 0.3297**.

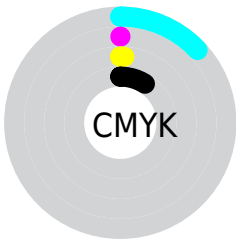
Distribution



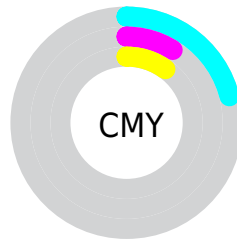
- Red (79%)
- Green (91%)
- Blue (90%)



- Red (79%)
- Yellow (85%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)





- Cyan (21%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9269, 0.2948, 0.3323 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 75.9269, 0.2948, 0.3323 by changing the saturation by 10% instead.


 75.9269, 0.2948,
0.3323

 75.9269, 0.2948,
0.3323

481.0974, 0.3030,
0.3308

 56.3726, 0.2929,
0.3326

127.6236, 0.2976,
0.3318

 40.5017, 0.2907,
0.3330


160.5347, 0.2987,
0.3316

 27.9299, 0.2878,
0.3335


198.6669, 0.2997,
0.3314

 18.2729, 0.2840,
0.3341

242.4045, 0.3005,
0.3313

 11.1461, 0.2790,
0.3350

292.1320, 0.3013,
0.3312

 6.1652, 0.2718,
0.3361

348.2337, 0.3019,

 2.9458, 0.2606,

0.3310

0.3377

411.0941, 0.3025,
0.3309

■ 1.1035, 0.2409,
0.3404

■ 0.0000, 0.0000,
0.0000

■ 75.9269, 0.2948,
0.3323

■ 75.9269, 0.2948,
0.3323

■ 72.8021, 0.2818,
0.3351

■ 79.5464, 0.3086,
0.3297

■ 70.1407, 0.2699,
0.3382


■ 83.6713, 0.3229,
0.3274

■ 67.9228, 0.2594,
0.3414


■ 85.0312, 0.3259,
0.3251


■ 66.1230, 0.2505,
0.3448


■ 85.1689, 0.3244,
0.3228

 64.7134, 0.2435,
0.3482

 85.3085, 0.3228,
0.3205

 63.6629, 0.2384,
0.3517

 85.4499, 0.3213,
0.3182


 62.9353, 0.2352,
0.3553

 85.5932, 0.3198,
0.3159

 62.4872, 0.2338,
0.3587

 85.7382, 0.3183,
0.3137

 62.2904, 0.2337,
0.3612

 85.8851, 0.3168,
0.3114

Harmonies

Analogous

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



75.9269, 0.3052, 0.3430



75.9269, 0.2948, 0.3323



75.9269, 0.2892, 0.3209

Triad

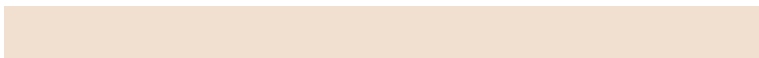
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9269, 0.2948, 0.3323



75.9269, 0.3073, 0.3093



75.9269, 0.3362, 0.3455

Complementary

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



75.9269, 0.2948, 0.3323



63.8249, 0.3340, 0.3257

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.



75.9269, 0.3369, 0.3363



75.9269, 0.2948, 0.3323



75.9269, 0.3200, 0.3157

Square

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



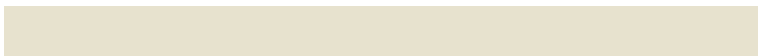
75.9269, 0.2948, 0.3323



75.9269, 0.2963, 0.3080



75.9269, 0.3309, 0.3254



75.9269, 0.3292, 0.3506

Rectangle

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



75.9269, 0.2948, 0.3323



75.9269, 0.2888, 0.3146



75.9269, 0.3309, 0.3254



75.9269, 0.3372, 0.3428

Sweetspot

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



75.9301, 0.2948, 0.3323



98.0500, 0.3070, 0.3300



75.0344, 0.3135, 0.3628



20.9107, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



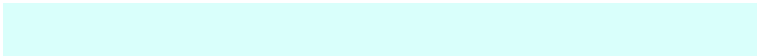
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9301, 0.2948, 0.3323



93.2060, 0.2919, 0.3329



69.8443, 0.2927, 0.3161



16.3099, 0.2995, 0.3314



34.5918, 0.2335, 0.3606



2.5635, 0.2321, 0.3555

Inverse Universe

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



63.8249, 0.3340, 0.3257



75.9577, 0.3382, 0.3252



69.2734, 0.3346, 0.3415



14.3916, 0.3277, 0.3266



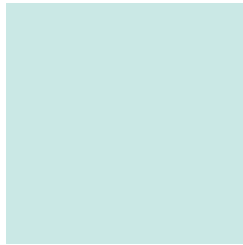
9.5683, 0.6279, 0.3233



0.7151, 0.6002, 0.3080

Previews

White Background



This preview shows how the Yxy color 75.9269, 0.2948, 0.3323 looks on a white background.

Color Contrast Check

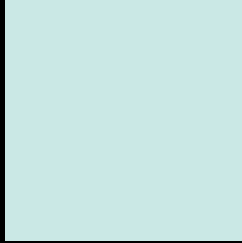
Large Text (above 18pt) WCAG AA × Fail

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 75.9269, 0.2948, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

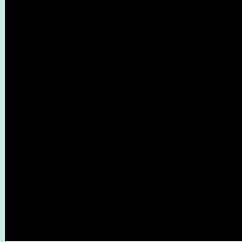
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

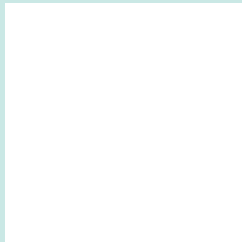
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9269, 0.2948, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 75.9269, 0.2948, 0.3323.

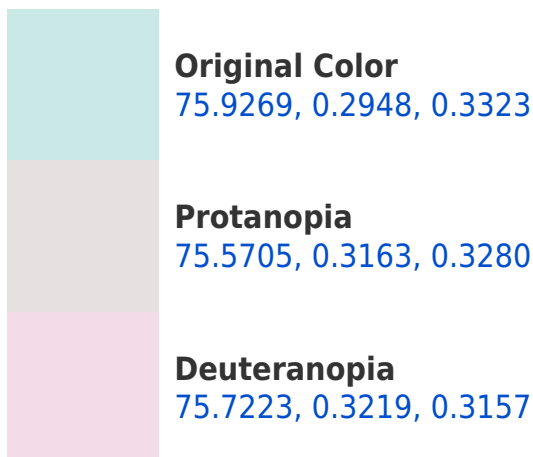


This preview shows how white text looks on a background with the Yxy color 75.9269, 0.2948, 0.3323.

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

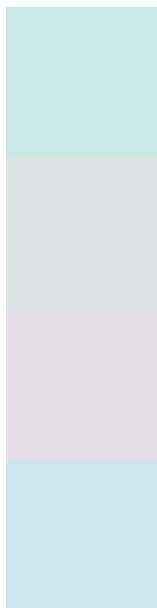




Tritanopia

75.7332, 0.2861, 0.3096

Trichromacy



Original Color

75.9269, 0.2948, 0.3323

Protanomaly

75.6448, 0.3085, 0.3301

Deuteranomaly

75.7388, 0.3117, 0.3216

Tritanomaly

75.7223, 0.2895, 0.3181

Monochromacy



Original Color

75.9269, 0.2948, 0.3323

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2760, 0.3058, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9269, 0.2948, 0.3323 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(202, 232, 229)` looks like.

```
.text, #text, p{  
    color:rgb(202, 232, 229)  
}
```

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(202, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 232, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.9269, 0.2948, 0.3323 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(202, 232, 229) }
```

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

```
.border{ border-color:rgb(202, 232, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 232, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 232, 229);  
box-shadow:4px 4px 4px 4px rgb(202, 232,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9269, 0.2948, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 232, 229) }
```

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

```
.background{ background-color: rgb(202,  
232, 229) }
```

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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