

Converting Colors

$Yxy(75.9158, 0.2907, 0.3325)$

Have a look what the booklet for
Yxy(75.9158, 0.2907, 0.3325)
contains.

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Color

Yxy(75.7268, 0.2904, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	C4E9E6
RGB	196, 233, 230
RGB Percent	77%, 91%, 90%
CMY	0.2315, 0.0862, 0.0981
CMYK	0.16, 0.00, 0.01, 0.09
HSL	175°, 46%, 84%
HSV	175°, 16%, 91%
XYZ	66.1783, 75.7268, 85.9817
YIQ	221.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

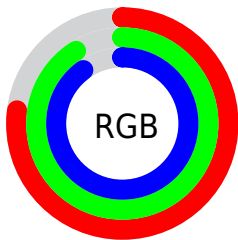
Format	Color
RYB	196, 215, 233
Decimal	12904934
CIELab	89.73, -12.58, -2.56
CIELCh	90, 12.839, 191.519
Yxy	75.7268, 0.2904, 0.3323
Android (android.graphics.Color)	4291095014 (0xFFC4E9E6)
YUV	221.5950, 4.1437, -22.4468
Hunter-Lab	87.0211, -16.5403, 2.3330

Details

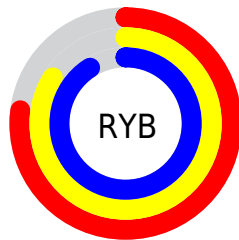
The Yxy color **75.7268, 0.2904, 0.3323** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9139, 0.3404, 0.3258**, and the grayscale version is **72.7251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **40.2902, 0.2851, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **72.7384, 0.2775, 0.3346**, and if you desaturate by 10%, it is **79.2079, 0.3042, 0.3302**.

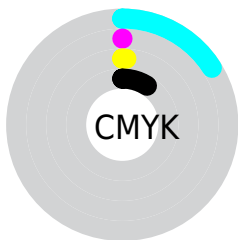
Distribution



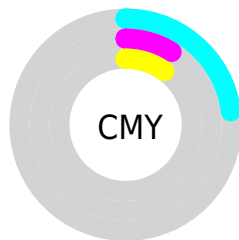
- Red (77%)
- Green (91%)
- Blue (90%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7268, 0.2904, 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 75.7268, 0.2904, 0.3323 by changing the saturation by 10% instead.

■ 75.7268, 0.2904,
0.3323

■ 75.7268, 0.2904,
0.3323

■ 480.4120, 0.3006,
0.3309

■ 56.2085, 0.2881,
0.3326

■ 127.3406, 0.2939,
0.3318

■ 40.3701, 0.2853,
0.3330

■ 160.2050, 0.2953,
0.3316

■ 27.8272, 0.2817,
0.3334

■ 198.2868, 0.2965,
0.3315

■ 18.1955, 0.2770,
0.3340

■ 241.9705, 0.2975,
0.3313

■ 11.0904, 0.2708,
0.3348

■ 291.6405, 0.2984,
0.3312

■ 6.1277, 0.2618,
0.3358

■ 347.6811, 0.2992,

■ 2.9229, 0.2481,

0.3311

0.3371

410.4768, 0.3000,
0.3310

1.0916, 0.2230,
0.3395

0.0000, 0.0000,
0.0000

75.7268, 0.2904,
0.3323

75.7268, 0.2904,
0.3323

72.7384, 0.2775,
0.3346

79.2079, 0.3042,
0.3302

70.2109, 0.2658,
0.3371


83.1931, 0.3187,
0.3282

68.1234, 0.2556,
0.3397

85.5849, 0.3260,
0.3264


66.4496, 0.2471,
0.3424

85.6959, 0.3248,
0.3245

 65.1605, 0.2404,
0.3452

 85.8082, 0.3235,
0.3227


 64.2232, 0.2358,
0.3480

 85.9216, 0.3223,
0.3208

 63.5994, 0.2330,
0.3508

 86.0362, 0.3211,
0.3190

 63.2418, 0.2320,
0.3535

 86.1521, 0.3199,
0.3171

 63.1402, 0.2319,
0.3547

 86.2691, 0.3187,
0.3153

Harmonies

Analogous

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



75.7268, 0.3028, 0.3456



75.7268, 0.2904, 0.3323



75.7268, 0.2839, 0.3185

Triad

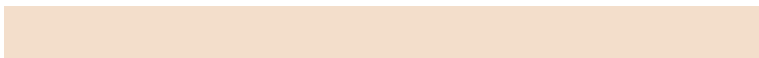
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7268, 0.2904, 0.3323



75.7268, 0.3068, 0.3053



75.7268, 0.3412, 0.3495

Complementary

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



75.7268, 0.2904, 0.3323



60.9139, 0.3404, 0.3258

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.



75.7268, 0.3424, 0.3384



75.7268, 0.2904, 0.3323



75.7268, 0.3223, 0.3133

Square

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



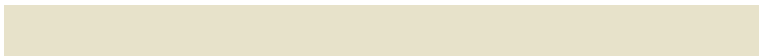
75.7268, 0.2904, 0.3323



75.7268, 0.2932, 0.3033



75.7268, 0.3354, 0.3252



75.7268, 0.3322, 0.3555

Rectangle

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



75.7268, 0.2904, 0.3323



75.7268, 0.2837, 0.3109



75.7268, 0.3354, 0.3252



75.7268, 0.3425, 0.3462

Sweetspot

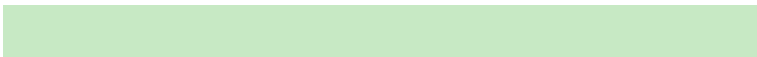
The Sweet Spot groups the original color and five complimentary colors.



75.7299, 0.2904, 0.3323



97.5946, 0.3055, 0.3300



74.4196, 0.3128, 0.3714



20.8196, 0.3045, 0.3301



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.



75.7299, 0.2904, 0.3323



91.6883, 0.2862, 0.3330



67.5394, 0.2879, 0.3115



17.0994, 0.2992, 0.3309



35.8308, 0.2317, 0.3542



2.8199, 0.2307, 0.3504

Inverse Universe

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



60.9139, 0.3404, 0.3258



70.3464, 0.3472, 0.3251



68.0992, 0.3401, 0.3459



15.0740, 0.3280, 0.3271



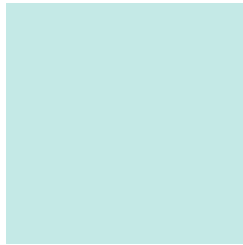
9.8637, 0.6310, 0.3249



0.7815, 0.6087, 0.3127

Previews

White Background



This preview shows how the Yxy color 75.7268, 0.2904, 0.3323 looks on a white background.

Color Contrast Check

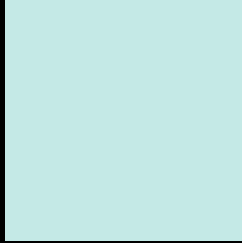
Large Text (above 18pt) WCAG AA × Fail

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 75.7268, 0.2904, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

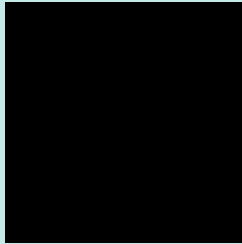
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

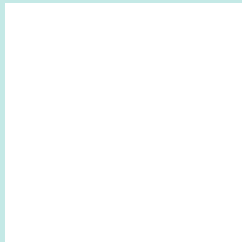
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7268, 0.2904, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 75.7268, 0.2904, 0.3323.

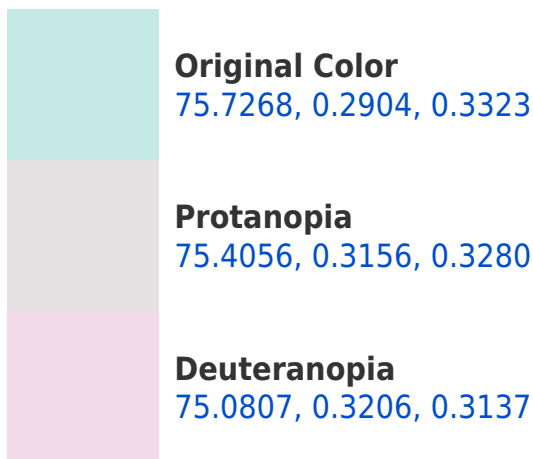


This preview shows how white text looks on a background with the Yxy color 75.7268, 0.2904, 0.3323.

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

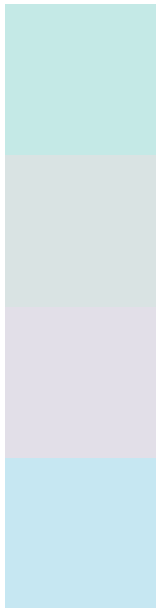




Tritanopia

75.5753, 0.2813, 0.3083

Trichromacy



Original Color

75.7268, 0.2904, 0.3323

Protanomaly

75.2359, 0.3059, 0.3290

Deuteranomaly

74.7703, 0.3090, 0.3195

Tritanomaly

75.5684, 0.2847, 0.3169

Monochromacy



Original Color

75.7268, 0.2904, 0.3323

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.9751, 0.3044, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7268, 0.2904, 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(196, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 230)  
}
```

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(196, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 230) }
```

Border

The CSS property to change the border of an element to Yxy 75.7268, 0.2904, 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(196, 233, 230) }
```

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

```
.border{ border-color:rgb(196, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 233,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7268, 0.2904, 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(196, 233, 230) }
```

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

```
.background{ background-color: rgb(196,  
233, 230) }
```

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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