

Converting Colors

$Yxy(75.9698, 0.2882, 0.3234)$

Have a look what the booklet for
Yxy(75.9698, 0.2882, 0.3234)
contains.

Yxy(75.9698, 0.2882, 0.3234)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9698, 0.2882, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	C7E8ED
RGB	199, 232, 237
RGB Percent	78%, 91%, 93%
CMY	0.2196, 0.0902, 0.0705
CMYK	0.16, 0.02, 0.00, 0.07
HSL	188°, 51%, 85%
HSV	188°, 16%, 93%
XYZ	67.7010, 75.9698, 91.2389
YIQ	222.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

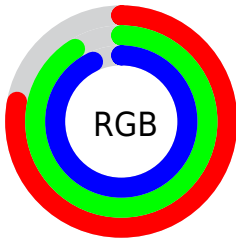
Format	Color
R _Y B	199, 217, 237
Decimal	13101293
CIE Lab	89.85, -9.69, -6.06
CIE LCh	90, 11.434, 212.019
Yxy	75.9698, 0.2882, 0.3234
Android (android.graphics.Color)	4291291373 (0xFFC7E8ED)
YUV	222.7030, 7.0484, -20.7875
Hunter-Lab	87.1607, -13.8834, -1.0517

Details

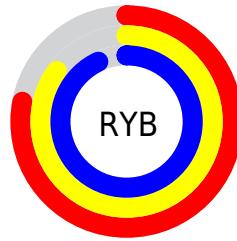
The Yxy color **75.9698, 0.2882, 0.3234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.3396, 0.3423, 0.3345**, and the grayscale version is **73.5347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4066, 0.2830, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **71.2287, 0.2737, 0.3195**, and if you desaturate by 10%, it is **81.2537, 0.3034, 0.3270**.

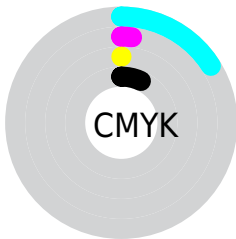
Distribution



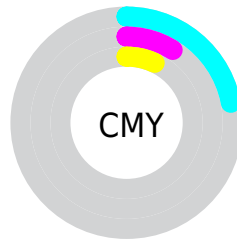
- Red (78%)
- Green (91%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9698, 0.2882, 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 75.9698, 0.2882, 0.3234 by changing the saturation by 10% instead.

■ 75.9698, 0.2882,
0.3234

■ 75.9698, 0.2882,
0.3234

481.2443, 0.2994,
0.3261

■ 56.4077, 0.2857,
0.3228

127.6842, 0.2920,
0.3244

■ 40.5299, 0.2826,
0.3220

160.6054, 0.2936,
0.3247

■ 27.9520, 0.2787,
0.3209

198.7483, 0.2949,
0.3250

■ 18.2895, 0.2737,
0.3196

242.4975, 0.2960,
0.3253

■ 11.1580, 0.2669,
0.3177

292.2373, 0.2970,
0.3255

■ 6.1732, 0.2573,
0.3148

348.3521, 0.2979,

■ 2.9507, 0.2427,

0.3257

0.3101

411.2263, 0.2987,
0.3259

■ 1.1060, 0.2177,
0.3013

■ 0.0000, 0.0000,
0.0000

■ 75.9698, 0.2882,
0.3234

■ 75.9698, 0.2882,
0.3234

■ 71.2287, 0.2737,
0.3195

■ 81.2537, 0.3034,
0.3270

■ 66.9975, 0.2602,
0.3154

■ 87.0929, 0.3189,
0.3303

■ 63.2541, 0.2481,
0.3110

■ 90.5299, 0.3244,
0.3333

■ 59.9708, 0.2375,
0.3064

■ 92.4072, 0.3241,
0.3363

■ 57.1172, 0.2286,
0.3018

■ 94.3166, 0.3238,
0.3394

■ 54.6588, 0.2218,
0.2970

■ 96.2584, 0.3236,
0.3424

■ 52.5553, 0.2168,
0.2924

■ 98.2326, 0.3233,
0.3453

■ 50.7569, 0.2137,
0.2877

■ 98.8963, 0.3232,
0.3463

■ 50.0972, 0.2128,
0.2859

Harmonies

Analogous

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



75.9698, 0.2959, 0.3359



75.9698, 0.2882, 0.3234



75.9698, 0.2869, 0.3128

Triad

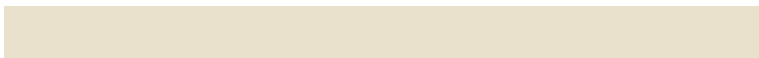
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9698, 0.2882, 0.3234



75.9698, 0.3169, 0.3122



75.9698, 0.3332, 0.3515

Complementary

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



75.9698, 0.2882, 0.3234



65.3396, 0.3423, 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.



75.9698, 0.3392, 0.3446



75.9698, 0.2882, 0.3234



75.9698, 0.3297, 0.3220

Square

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



75.9698, 0.2882, 0.3234



75.9698, 0.3033, 0.3067



75.9698, 0.3379, 0.3338



75.9698, 0.3218, 0.3524

Rectangle

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



75.9698, 0.2882, 0.3234



75.9698, 0.2899, 0.3082



75.9698, 0.3379, 0.3338



75.9698, 0.3359, 0.3498

Sweetspot

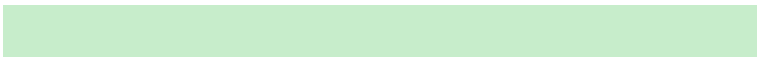
The Sweet Spot groups the original color and five complimentary colors.



75.9729, 0.2882, 0.3234



96.5897, 0.3049, 0.3273



77.0632, 0.3080, 0.3670



20.5745, 0.3038, 0.3271



0.0000, 0.0000, 0.0000



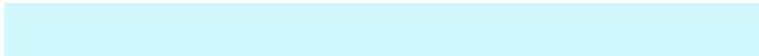
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9729, 0.2882, 0.3234



87.9179, 0.2837, 0.3223



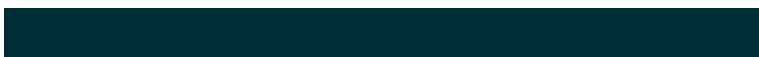
66.1432, 0.2873, 0.3027



16.7620, 0.2981, 0.3258



27.4829, 0.2130, 0.2867



2.2525, 0.2148, 0.2931

Inverse Universe

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



64.6878, 0.3182, 0.2944



72.4818, 0.3194, 0.2876



74.6194, 0.3392, 0.3540



15.2775, 0.3158, 0.3088



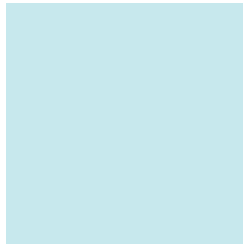
12.2672, 0.3574, 0.1742



0.9728, 0.3516, 0.1710

Previews

White Background



This preview shows how the Yxy color 75.9698, 0.2882, 0.3234 looks on a white background.

Color Contrast Check

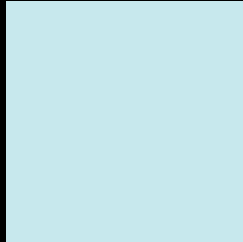
Large Text (above 18pt) WCAG AA × Fail

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 75.9698, 0.2882, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

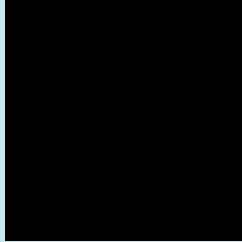
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

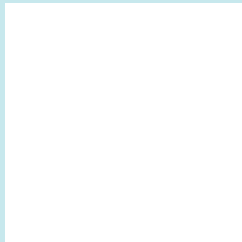
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9698, 0.2882, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 75.9698, 0.2882, 0.3234.

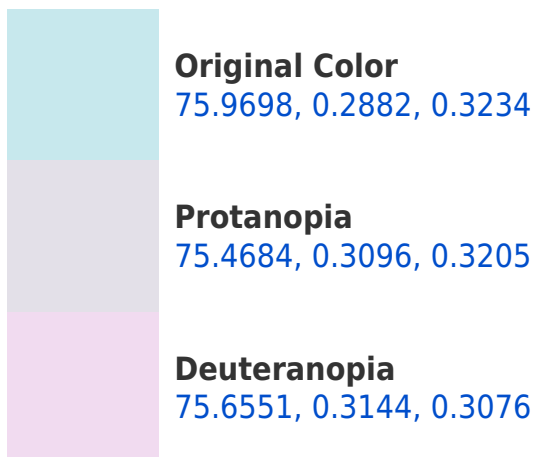


This preview shows how white text looks on a background with the Yxy color 75.9698, 0.2882, 0.3234.

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

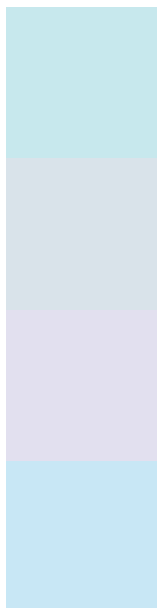




Tritanopia

75.8507, 0.2825, 0.3084

Trichromacy



Original Color

75.9698, 0.2882, 0.3234

Protanomaly

75.6304, 0.3015, 0.3215

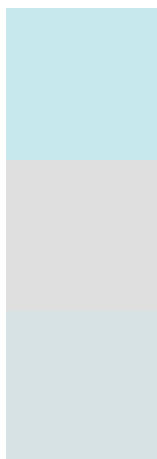
Deuteranomaly

75.7121, 0.3045, 0.3132

Tritanomaly

76.0238, 0.2842, 0.3137

Monochromacy



Original Color

75.9698, 0.2882, 0.3234

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2903, 0.3032, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9698, 0.2882, 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(199, 232, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 232, 237)  
}
```

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(199, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 232, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.9698, 0.2882, 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(199, 232, 237) }
```

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

```
.border{ border-color:rgb(199, 232, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 232, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 232,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9698, 0.2882, 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(199, 232, 237) }
```

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

```
.background{ background-color: rgb(199,  
232, 237) }
```

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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