

Converting Colors

$Yxy(76.0014, 0.2873, 0.3242)$

Have a look what the booklet for
Yxy(76.0014, 0.2873, 0.3242)
contains.

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Color

Yxy(75.6980, 0.2870, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	C5E8ED
RGB	197, 232, 237
RGB Percent	77%, 91%, 93%
CMY	0.2273, 0.0902, 0.0706
CMYK	0.17, 0.02, 0.00, 0.07
HSL	188°, 53%, 85%
HSV	188°, 17%, 93%
XYZ	67.1779, 75.6980, 91.1934
YIQ	222.1050, -22.4650, -5.8650

Conversions

Conversions Part 2

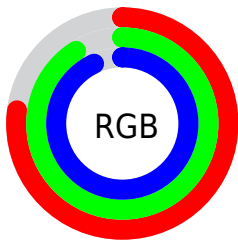
Format	Color
R _Y B	197, 216, 237
Decimal	12970221
CIE Lab	89.72, -10.30, -6.25
CIE LCh	90, 12.050, 211.237
Yxy	75.6980, 0.2870, 0.3234
Android (android.graphics.Color)	4291160301 (0xFFC5E8ED)
YUV	222.1050, 7.3432, -22.0171
Hunter-Lab	87.0046, -14.4349, -1.2413

Details

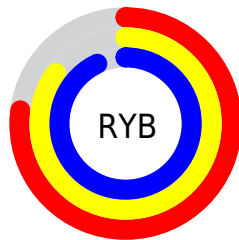
The Yxy color **75.6980, 0.2870, 0.3234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.3074, 0.3441, 0.3345**, and the grayscale version is **73.0915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **40.2265, 0.2814, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **71.0891, 0.2726, 0.3197**, and if you desaturate by 10%, it is **80.8445, 0.3021, 0.3268**.

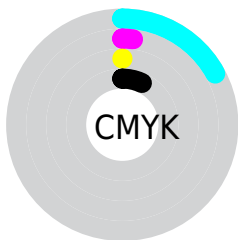
Distribution



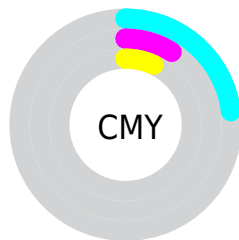
- Red (77%)
- Green (91%)
- Blue (93%)



- Red (77%)
- Yellow (85%)
- Blue (93%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6980, 0.2870, 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 75.6980, 0.2870, 0.3234 by changing the saturation by 10% instead.

■ 75.6980, 0.2870,
0.3234

■ 75.6980, 0.2870,
0.3234

480.3133, 0.2987,
0.3261

■ 56.1849, 0.2844,
0.3228

127.2999, 0.2910,
0.3244

■ 40.3512, 0.2811,
0.3220

160.1575, 0.2926,
0.3247

■ 27.8125, 0.2770,
0.3209

198.2321, 0.2940,
0.3250

■ 18.1843, 0.2718,
0.3195

241.9081, 0.2952,
0.3253

■ 11.0824, 0.2647,
0.3176

291.5697, 0.2962,
0.3255

■ 6.1223, 0.2546,
0.3147

347.6016, 0.2972,

■ 2.9196, 0.2393,

0.3258

0.3099

410.3880, 0.2980,
0.3259

1.0899, 0.2128,
0.3008

0.0000, 0.0000,
0.0000

75.6980, 0.2870,
0.3234

75.6980, 0.2870,
0.3234

71.0891, 0.2726,
0.3197

80.8445, 0.3021,
0.3268

66.9848, 0.2593,
0.3157

86.5411, 0.3176,
0.3299

63.3628, 0.2473,
0.3116

90.2321, 0.3244,
0.3328

60.1954, 0.2369,
0.3073

92.0052, 0.3242,
0.3357

■ 57.4517, 0.2284,
0.3029

■ 93.8072, 0.3239,
0.3386

■ 55.0970, 0.2217,
0.2984

■ 95.6382, 0.3237,
0.3414

■ 53.0905, 0.2170,
0.2940

■ 97.4983, 0.3234,
0.3443

■ 51.3800, 0.2141,
0.2896

■ 98.8947, 0.3232,
0.3464

■ 50.8774, 0.2134,
0.2882

Harmonies

Analogous

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



75.6980, 0.2953, 0.3366



75.6980, 0.2870, 0.3234



75.6980, 0.2855, 0.3121

Triad

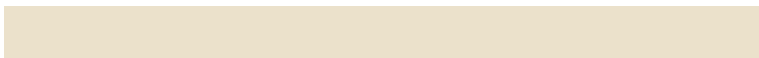
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6980, 0.2870, 0.3234



75.6980, 0.3168, 0.3111



75.6980, 0.3346, 0.3526

Complementary

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



75.6980, 0.2870, 0.3234



64.3074, 0.3441, 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.



75.6980, 0.3407, 0.3451



75.6980, 0.2870, 0.3234



75.6980, 0.3303, 0.3213

Square

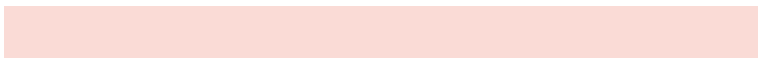
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6980, 0.2870, 0.3234



75.6980, 0.3024, 0.3054



75.6980, 0.3391, 0.3337



75.6980, 0.3226, 0.3538

Rectangle

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



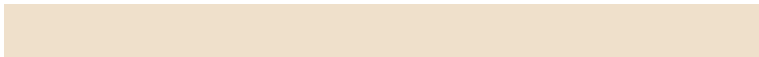
75.6980, 0.2870, 0.3234



75.6980, 0.2884, 0.3072



75.6980, 0.3391, 0.3337



75.6980, 0.3374, 0.3507

Sweetspot

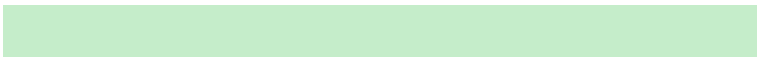
The Sweet Spot groups the original color and five complimentary colors.



75.7011, 0.2870, 0.3234



96.6456, 0.3049, 0.3274



76.6982, 0.3078, 0.3691



20.5881, 0.3038, 0.3272



0.0000, 0.0000, 0.0000



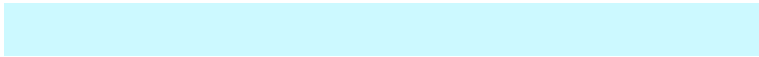
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7011, 0.2870, 0.3234



87.5644, 0.2823, 0.3222



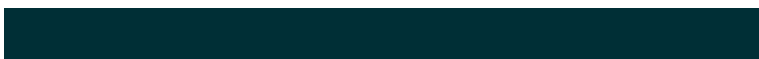
65.2610, 0.2860, 0.3012



16.7807, 0.2981, 0.3260



27.9099, 0.2136, 0.2890



2.2820, 0.2153, 0.2950

Inverse Universe

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



63.7855, 0.3183, 0.2923



71.2606, 0.3195, 0.2851



74.1156, 0.3406, 0.3553



15.2794, 0.3157, 0.3086



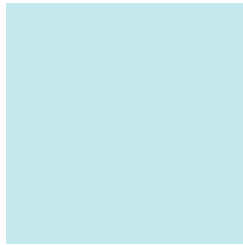
12.3103, 0.3553, 0.1731



0.9758, 0.3498, 0.1701

Previews

White Background



This preview shows how the Yxy color 75.6980, 0.2870, 0.3234 looks on a white background.

Color Contrast Check

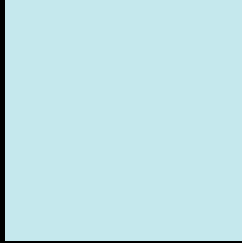
Large Text (above 18pt) WCAG AA × Fail

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 75.6980, 0.2870, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

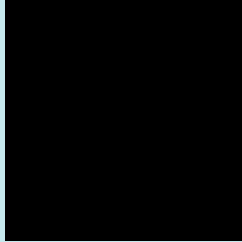
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6980, 0.2870, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 75.6980, 0.2870, 0.3234.

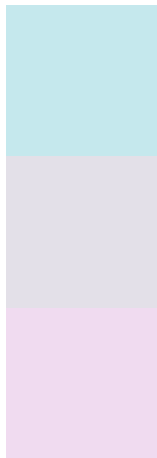


This preview shows how white text looks on a background with the Yxy color 75.6980, 0.2870, 0.3234.

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



Original Color

75.6980, 0.2870, 0.3234

Protanopia

75.4684, 0.3096, 0.3205

Deuteranopia

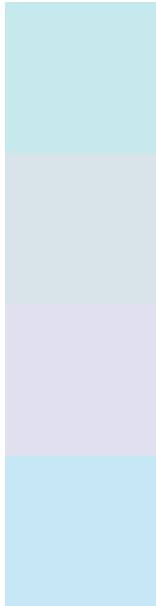
75.4796, 0.3137, 0.3075



Tritanopia

75.5753, 0.2813, 0.3083

Trichromacy



Original Color

75.6980, 0.2870, 0.3234

Protanomaly

75.4776, 0.3008, 0.3214

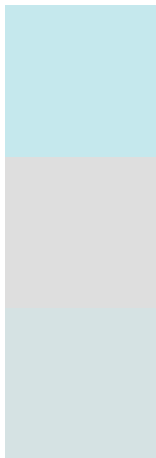
Deuteranomaly

75.3906, 0.3031, 0.3132

Tritanomaly

75.7502, 0.2830, 0.3137

Monochromacy



Original Color

75.6980, 0.2870, 0.3234

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.0849, 0.3032, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6980, 0.2870, 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(197, 232, 237)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 232, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.6980, 0.2870, 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(197, 232, 237) }
```

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

```
.border{ border-color:rgb(197, 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(197, 232, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 237);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6980, 0.2870, 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(197, 232, 237) }
```

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

```
.background{ background-color: rgb(197,  
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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