

Converting Colors

$Yxy(77.4432, 0.2855, 0.3227)$

Have a look what the booklet for
Yxy(77.4432, 0.2855, 0.3227)
contains.

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Color

Yxy(77.5782, 0.2854, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	C5EBF0
RGB	197, 235, 240
RGB Percent	77%, 92%, 94%
CMY	0.2278, 0.0783, 0.0589
CMYK	0.18, 0.02, 0.00, 0.06
HSL	187°, 59%, 86%
HSV	187°, 18%, 94%
XYZ	68.4415, 77.5782, 93.7893
YIQ	224.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

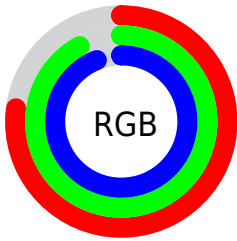
Format	Color
R_{YB}	197, 217, 240
Decimal	12970992
CIE _{Lab}	90.59, -11.27, -6.52
CIE _{LCh}	91, 13.022, 210.067
Yxy	77.5782, 0.2854, 0.3235
Android (android.graphics.Color)	4291161072 (0xFFC5EBF0)
YUV	224.2080, 7.7855, -23.8614
Hunter-Lab	88.0785, -15.4337, -1.4793

Details

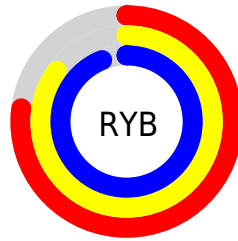
The Yxy color **77.5782, 0.2854, 0.3235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.7239, 0.3466, 0.3344**, and the grayscale version is **74.6437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.5405, 0.2796, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **73.0296, 0.2712, 0.3201**, and if you desaturate by 10%, it is **82.6733, 0.3004, 0.3267**.

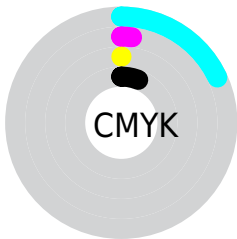
Distribution



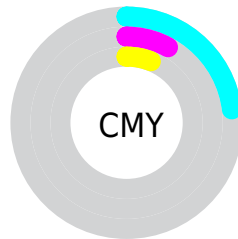
- Red (77%)
- Green (92%)
- Blue (94%)



- Red (77%)
- Yellow (85%)
- Blue (94%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.5782, 0.2854, 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 77.5782, 0.2854, 0.3235 by changing the saturation by 10% instead.

■ 77.5782, 0.2854,
0.3235

■ 77.5782, 0.2854,
0.3235

486.7332, 0.2978,
0.3262

■ 57.7275, 0.2826,
0.3229

129.9553, 0.2897,
0.3244

■ 41.5897, 0.2792,
0.3221

163.2506, 0.2913,
0.3248

■ 28.7801, 0.2750,
0.3211

201.7963, 0.2928,
0.3251

■ 18.9145, 0.2694,
0.3197

245.9766, 0.2940,
0.3254

■ 11.6085, 0.2621,
0.3178

296.1761, 0.2951,
0.3256

■ 6.4777, 0.2517,
0.3149

352.7791, 0.2961,

■ 3.1377, 0.2360,

0.3258

0.3102

416.1700, 0.2970,
0.3260

■ 1.2040, 0.2099,
0.3012

■ 0.0650, 0.0000,
0.1098

■ 77.5782, 0.2854,
0.3235

■ 77.5782, 0.2854,
0.3235

■ 73.0296, 0.2712,
0.3201

■ 82.6733, 0.3004,
0.3267

■ 68.9933, 0.2581,
0.3164

■ 88.3282, 0.3159,
0.3296

■ 65.4463, 0.2463,
0.3126

■ 91.8349, 0.3224,
0.3323

■ 62.3597, 0.2363,
0.3086

■ 93.5015, 0.3222,
0.3349

■ 59.7012, 0.2281,
0.3046

■ 95.1930, 0.3219,
0.3376

■ 57.4345, 0.2218,
0.3006

■ 96.9096, 0.3217,
0.3402

■ 55.5167, 0.2175,
0.2965

■ 98.6513, 0.3215,
0.3428

■ 53.8890, 0.2148,
0.2926

■ 99.0702, 0.3215,
0.3435

■ 53.5731, 0.2144,
0.2917

Harmonies

Analogous

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



77.5782, 0.2945, 0.3377



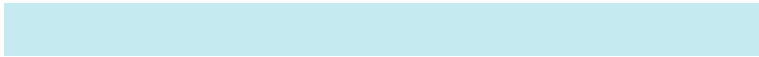
77.5782, 0.2854, 0.3235



77.5782, 0.2835, 0.3113

Triad

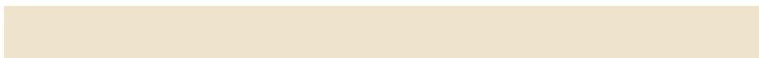
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5782, 0.2854, 0.3235



77.5782, 0.3164, 0.3095



77.5782, 0.3366, 0.3541

Complementary

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



77.5782, 0.2854, 0.3235



64.7239, 0.3466, 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.



77.5782, 0.3428, 0.3458



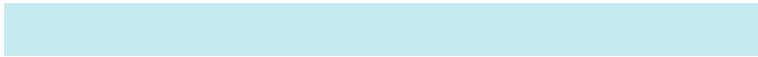
77.5782, 0.2854, 0.3235



77.5782, 0.3311, 0.3203

Square

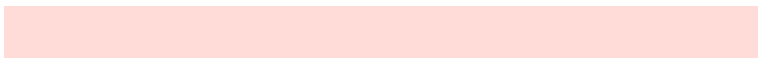
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5782, 0.2854, 0.3235



77.5782, 0.3011, 0.3037



77.5782, 0.3408, 0.3334



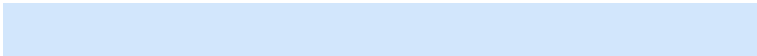
77.5782, 0.3239, 0.3557

Rectangle

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



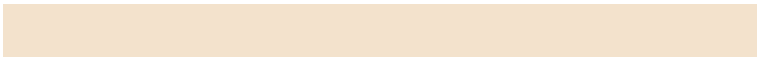
77.5782, 0.2854, 0.3235



77.5782, 0.2864, 0.3058



77.5782, 0.3408, 0.3334



77.5782, 0.3395, 0.3520

Sweetspot

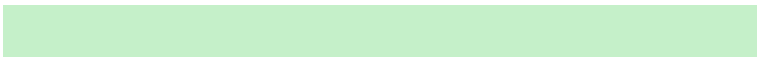
The Sweet Spot groups the original color and five complimentary colors.



77.5814, 0.2854, 0.3235



96.7298, 0.3049, 0.3276



78.3942, 0.3079, 0.3729



20.6086, 0.3038, 0.3273



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.



77.5814, 0.2854, 0.3235



86.8221, 0.2794, 0.3221



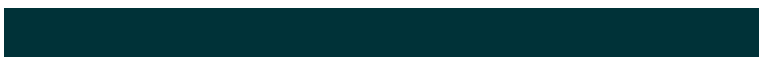
66.3103, 0.2842, 0.3000



17.6005, 0.2981, 0.3262



29.4583, 0.2146, 0.2924



2.5379, 0.2160, 0.2976

Inverse Universe

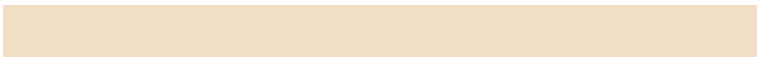
The Inverse Universe completely reimagines the original color for something new.



64.4121, 0.3184, 0.2894



68.8724, 0.3199, 0.2800



75.1917, 0.3428, 0.3564



15.9983, 0.3156, 0.3084



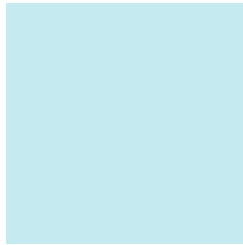
12.7672, 0.3522, 0.1714



1.0709, 0.3475, 0.1688

Previews

White Background



This preview shows how the Yxy color 77.5782, 0.2854, 0.3235 looks on a white background.

Color Contrast Check

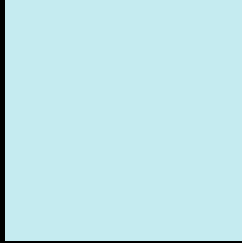
Large Text (above 18pt) WCAG AA × Fail

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 77.5782, 0.2854, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

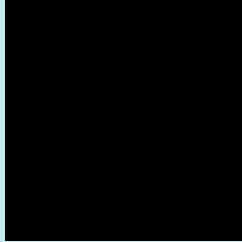
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.5782, 0.2854, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 77.5782, 0.2854, 0.3235.

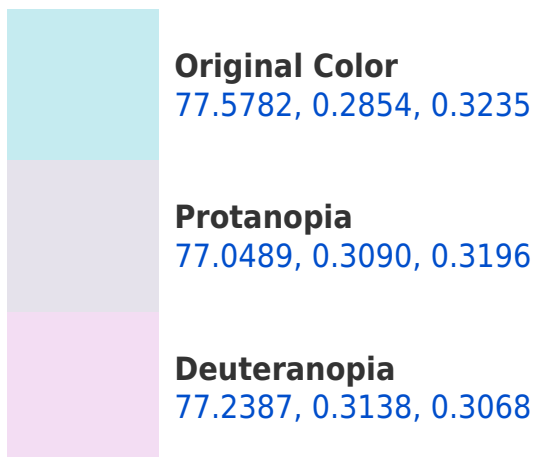


This preview shows how white text looks on a background with the Yxy color 77.5782, 0.2854, 0.3235.

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

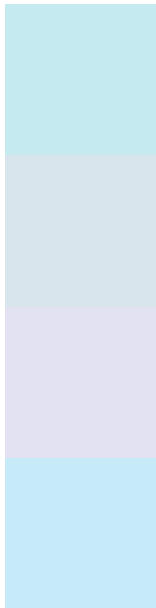




Tritanopia

77.4482, 0.2799, 0.3085

Trichromacy



Original Color

77.5782, 0.2854, 0.3235

Protanomaly

76.9048, 0.2997, 0.3204

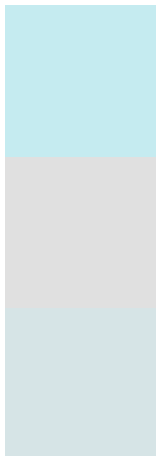
Deuteranomaly

76.9723, 0.3026, 0.3123

Tritanomaly

77.6287, 0.2815, 0.3138

Monochromacy



Original Color

77.5782, 0.2854, 0.3235

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.4961, 0.3020, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5782, 0.2854, 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(197, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(197, 235, 240)  
}
```

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, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 235, 240) }
```

Border

The CSS property to change the border of an element to Yxy 77.5782, 0.2854, 0.3235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

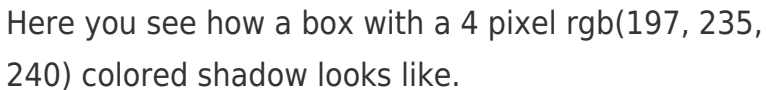
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 235, 240) }
```

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

```
.border{ border-color:rgb(197, 235, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(197, 235,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 77.5782, 0.2854, 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(197, 235, 240) }
```

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

```
.background{ background-color: rgb(197,  
235, 240) }
```

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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