

Converting Colors

$Yxy(78.5894, 0.2830, 0.3244)$

Have a look what the booklet for
Yxy(78.5894, 0.2830, 0.3244)
contains.

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Color

Yxy(78.3886, 0.2832, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	C2EDF1
RGB	194, 237, 241
RGB Percent	76%, 93%, 95%
CMY	0.2392, 0.0706, 0.0548
CMYK	0.20, 0.02, 0.00, 0.05
HSL	185°, 63%, 85%
HSV	185°, 20%, 95%
XYZ	68.4119, 78.3886, 94.7669
YIQ	224.5990, -26.9120, -7.8720

Conversions

Conversions Part 2

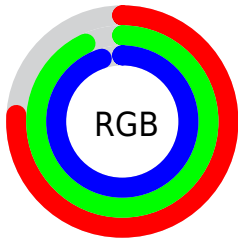
Format	Color
RYB	194, 216, 241
Decimal	12774897
CIELab	90.96, -12.93, -6.55
CIELCh	91, 14.491, 206.852
Yxy	78.3886, 0.2832, 0.3245
Android (android.graphics.Color)	4290964977 (0xFFC2EDF1)
YUV	224.5990, 8.0857, -26.8353
Hunter-Lab	88.5373, -17.0153, -1.4855

Details

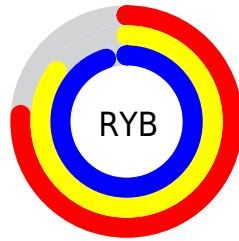
The Yxy color **78.3886, 0.2832, 0.3245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.0004, 0.3505, 0.3335**, and the grayscale version is **74.9501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **42.1260, 0.2769, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **74.2687, 0.2693, 0.3219**, and if you desaturate by 10%, it is **83.0459, 0.2980, 0.3269**.

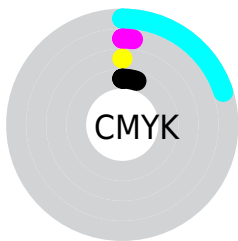
Distribution



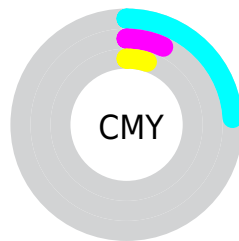
- Red (76%)
- Green (93%)
- Blue (95%)



- Red (76%)
- Yellow (85%)
- Blue (95%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.3886, 0.2832, 0.3245 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 78.3886, 0.2832, 0.3245 by changing the saturation by 10% instead.

78.3886, 0.2832,
0.3245

78.3886, 0.2832,
0.3245

489.4856, 0.2966,
0.3267

58.3933, 0.2802,
0.3240

131.0978, 0.2878,
0.3253

42.1249, 0.2766,
0.3233

164.5804, 0.2896,
0.3256

29.1991, 0.2720,
0.3224

203.3276, 0.2911,
0.3259

19.2315, 0.2661,
0.3212

247.7237, 0.2925,
0.3261

11.8377, 0.2582,
0.3195

298.1532, 0.2937,
0.3263

6.6332, 0.2472,
0.3170

355.0004, 0.2948,

3.2338, 0.2306,

0.3264

0.3128

418.6497, 0.2957,
0.3266

1.2550, 0.2032,
0.3045

0.1059, 0.0000,
0.1560

78.3886, 0.2832,
0.3245

78.3886, 0.2832,
0.3245

74.2687, 0.2693,
0.3219

83.0459, 0.2980,
0.3269

70.6516, 0.2566,
0.3192

88.2542, 0.3135,
0.3291

67.5136, 0.2455,
0.3164

91.8309, 0.3218,
0.3311

64.8250, 0.2361,
0.3134

93.0746, 0.3216,
0.3331

62.5530, 0.2285,
0.3104

94.3322, 0.3214,
0.3351

60.6597, 0.2230,
0.3075

95.6039, 0.3213,
0.3371

59.1007, 0.2193,
0.3045

96.8895, 0.3211,
0.3391

57.8047, 0.2172,
0.3016

98.1892, 0.3210,
0.3410

57.7443, 0.2171,
0.3015

99.1327, 0.3208,
0.3424

Harmonies

Analogous

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



78.3886, 0.2939, 0.3403



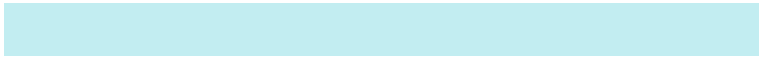
78.3886, 0.2832, 0.3245



78.3886, 0.2802, 0.3105

Triad

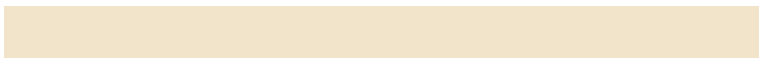
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3886, 0.2832, 0.3245



78.3886, 0.3149, 0.3065



78.3886, 0.3403, 0.3562

Complementary

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



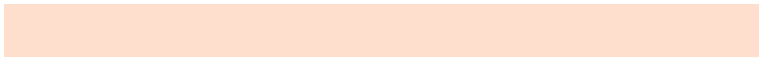
78.3886, 0.2832, 0.3245



63.0004, 0.3505, 0.3335

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.



78.3886, 0.3464, 0.3463



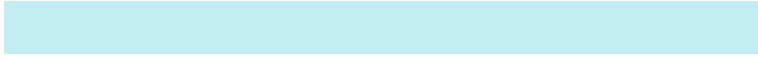
78.3886, 0.2832, 0.3245



78.3886, 0.3315, 0.3179

Square

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



78.3886, 0.2832, 0.3245



78.3886, 0.2981, 0.3007



78.3886, 0.3431, 0.3323



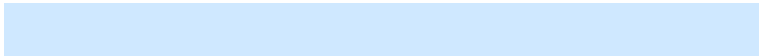
78.3886, 0.3268, 0.3589

Rectangle

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



78.3886, 0.2832, 0.3245



78.3886, 0.2829, 0.3041



78.3886, 0.3431, 0.3323



78.3886, 0.3433, 0.3535

Sweetspot

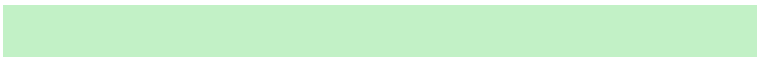
The Sweet Spot groups the original color and five complimentary colors.



78.3918, 0.2832, 0.3245



96.3797, 0.3034, 0.3277



78.4711, 0.3079, 0.3781



20.5479, 0.3024, 0.3275



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.



78.3918, 0.2832, 0.3245



87.3600, 0.2781, 0.3236



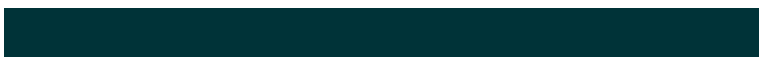
65.7096, 0.2816, 0.2981



17.6838, 0.2981, 0.3269



31.4040, 0.2172, 0.3020



2.6801, 0.2183, 0.3058

Inverse Universe

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



63.4029, 0.3179, 0.2845



67.7987, 0.3190, 0.2762



74.5431, 0.3458, 0.3581



16.0067, 0.3151, 0.3077



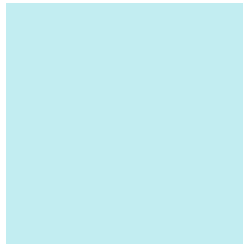
12.9636, 0.3437, 0.1667



1.0853, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 78.3886, 0.2832, 0.3245 looks on a white background.

Color Contrast Check

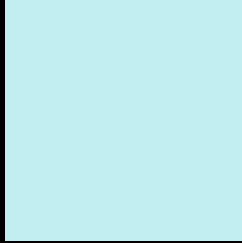
Large Text (above 18pt) WCAG AA × Fail

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 78.3886, 0.2832, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

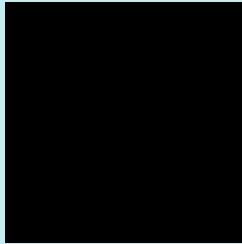
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3886, 0.2832, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 78.3886, 0.2832, 0.3245.

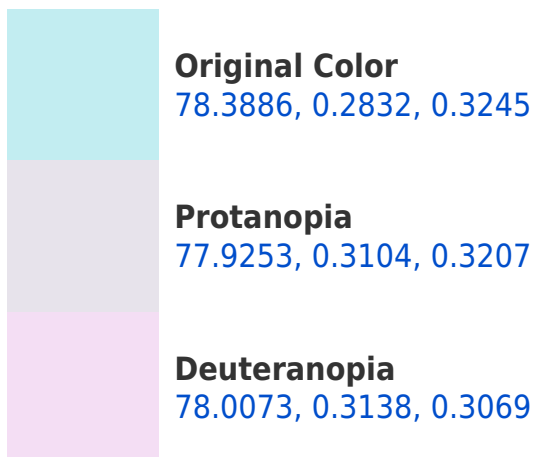


This preview shows how white text looks on a background with the Yxy color 78.3886, 0.2832, 0.3245.

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

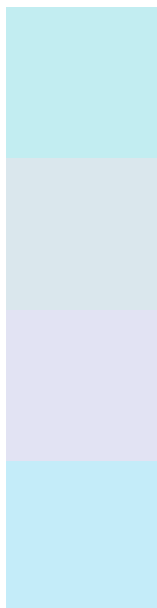




Tritanopia

78.4427, 0.2778, 0.3085

Trichromacy



Original Color

78.3886, 0.2832, 0.3245

Protanomaly

78.1717, 0.3003, 0.3226

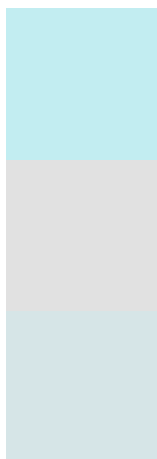
Deuteranomaly

77.5780, 0.3020, 0.3123

Tritanomaly

78.5662, 0.2800, 0.3149

Monochromacy



Original Color

78.3886, 0.2832, 0.3245

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.1043, 0.3013, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3886, 0.2832, 0.3245 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(194, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 241)  
}
```

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(194, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 241) }
```

Border

The CSS property to change the border of an element to Yxy 78.3886, 0.2832, 0.3245 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(194, 237, 241) }
```

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

```
.border{ border-color:rgb(194, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 237, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 237, 241); box-shadow:4px 4px 4px 4px rgb(194, 237, 241) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3886, 0.2832, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 241) }
```

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

```
.background{ background-color: rgb(194,  
237, 241) }
```

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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