

Converting Colors

$Yxy(76.9903, 0.2880, 0.3204)$

Have a look what the booklet for
Yxy(76.9903, 0.2880, 0.3204)
contains.

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Color

Yxy(77.1853, 0.2878, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	CAE9F1
RGB	202, 233, 241
RGB Percent	79%, 91%, 95%
CMY	0.2079, 0.0863, 0.0547
CMYK	0.16, 0.03, 0.00, 0.05
HSL	192°, 58%, 87%
HSV	192°, 16%, 95%
XYZ	69.3752, 77.1853, 94.4929
YIQ	224.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

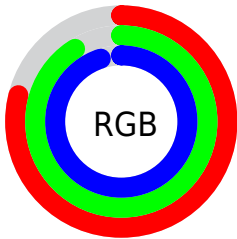
Format	Color
R_{YB}	202, 219, 241
Decimal	13298161
CIE _{Lab}	90.41, -8.46, -7.31
CIE _{LCh}	90, 11.184, 220.814
Yxy	77.1853, 0.2878, 0.3202
Android (android.graphics.Color)	4291488241 (0xFFCAE9F1)
YUV	224.6430, 8.0640, -19.8579
Hunter-Lab	87.8552, -12.7933, -2.2710

Details

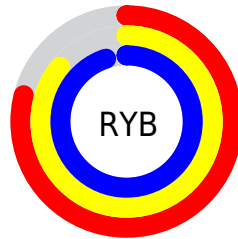
The Yxy color **77.1853, 0.2878, 0.3202** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0779, 0.3422, 0.3376**, and the grayscale version is **74.9797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1501, 0.2818, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **71.3152, 0.2730, 0.3141**, and if you desaturate by 10%, it is **83.6659, 0.3031, 0.3258**.

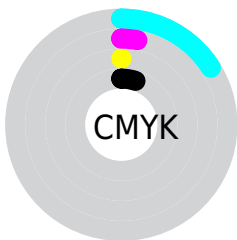
Distribution



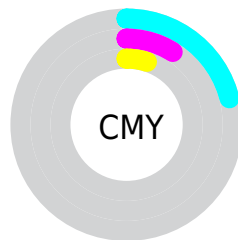
- Red (79%)
- Green (91%)
- Blue (95%)



- Red (79%)
- Yellow (86%)
- Blue (95%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1853, 0.2878, 0.3202 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 77.1853, 0.2878, 0.3202 by changing the saturation by 10% instead.

■ 77.1853, 0.2878,
0.3202

■ 77.1853, 0.2878,
0.3202

485.3956, 0.2991,
0.3243

■ 57.4050, 0.2853,
0.3192

129.4010, 0.2917,
0.3217

■ 41.3305, 0.2821,
0.3180

162.6052, 0.2932,
0.3222

■ 28.5774, 0.2782,
0.3165

201.0528, 0.2945,
0.3227

■ 18.7614, 0.2732,
0.3145

245.1282, 0.2957,
0.3231

■ 11.4980, 0.2664,
0.3117

295.2157, 0.2967,
0.3235

■ 6.4028, 0.2569,
0.3077

351.6999, 0.2976,

■ 3.0915, 0.2424,

0.3238

414.9651, 0.2984,
0.3241

0.3012

1.1797, 0.2181,
0.2894

0.0450, 0.0000,
0.0744

77.1853, 0.2878,
0.3202

77.1853, 0.2878,
0.3202

71.3152, 0.2730,
0.3141

83.6659, 0.3031,
0.3258

66.0210, 0.2589,
0.3076

90.7708, 0.3186,
0.3309

61.2791, 0.2460,
0.3006

94.6791, 0.3214,
0.3356

57.0603, 0.2345,
0.2933

97.7685, 0.3210,
0.3404

■ 53.3321, 0.2247,
0.2858

■ 99.1334, 0.3208,
0.3424

■ 50.0582, 0.2168,
0.2782

■ 47.1957, 0.2109,
0.2706

■ 44.6920, 0.2069,
0.2631

■ 43.8035, 0.2056,
0.2603

Harmonies

Analogous

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



77.1853, 0.2936, 0.3322



77.1853, 0.2878, 0.3202



77.1853, 0.2885, 0.3110

Triad

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



77.1853, 0.2878, 0.3202



77.1853, 0.3207, 0.3151



77.1853, 0.3298, 0.3518

Complementary

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



77.1853, 0.2878, 0.3202



69.0779, 0.3422, 0.3376

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.



77.1853, 0.3374, 0.3466



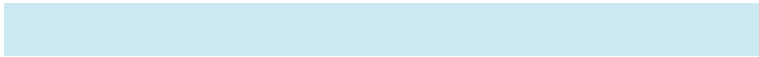
77.1853, 0.2878, 0.3202



77.1853, 0.3321, 0.3255

Square

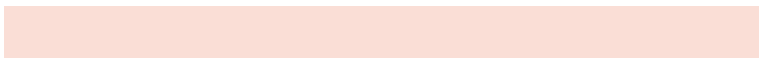
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1853, 0.2878, 0.3202



77.1853, 0.3073, 0.3083



77.1853, 0.3383, 0.3369



77.1853, 0.3177, 0.3508

Rectangle

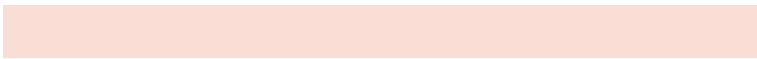
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1853, 0.2878, 0.3202



77.1853, 0.2926, 0.3075



77.1853, 0.3383, 0.3369



77.1853, 0.3330, 0.3507

Sweetspot

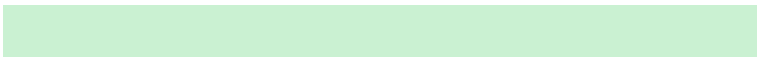
The Sweet Spot groups the original color and five complimentary colors.



77.1885, 0.2878, 0.3202



95.9986, 0.3049, 0.3264



80.1337, 0.3061, 0.3637



20.4304, 0.3039, 0.3261



0.0000, 0.0000, 0.0000



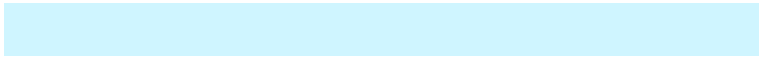
21.4041, 0.3127, 0.3290

Same Dimension

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



77.1885, 0.2878, 0.3202



85.7425, 0.2835, 0.3185



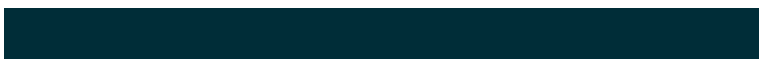
66.8517, 0.2869, 0.2987



17.3442, 0.2981, 0.3240



23.9437, 0.2060, 0.2615



2.1294, 0.2087, 0.2714

Inverse Universe

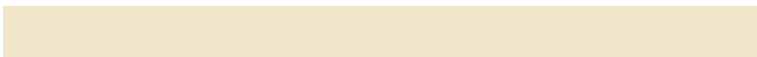
The Inverse Universe completely reimagines the original color for something new.



66.8269, 0.3203, 0.2968



72.2622, 0.3219, 0.2910



79.1912, 0.3389, 0.3576



15.9724, 0.3169, 0.3104



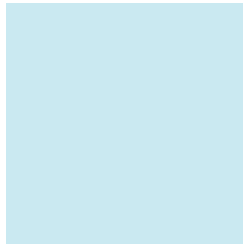
12.2105, 0.3809, 0.1872



1.0297, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 77.1853, 0.2878, 0.3202 looks on a white background.

Color Contrast Check

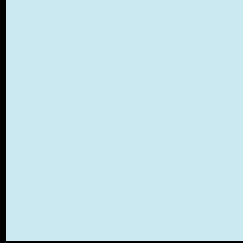
Large Text (above 18pt) WCAG AA × Fail

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 77.1853, 0.2878, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

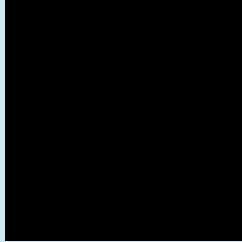
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1853, 0.2878, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 77.1853, 0.2878, 0.3202.

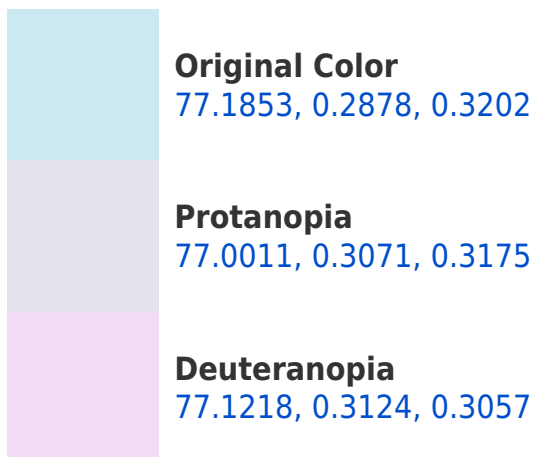


This preview shows how white text looks on a background with the Yxy color 77.1853, 0.2878, 0.3202.

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

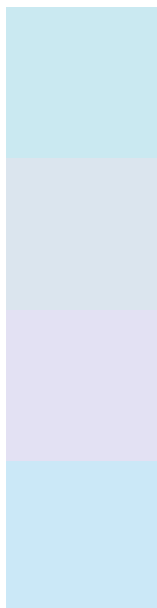




Tritanopia

77.4527, 0.2839, 0.3097

Trichromacy



Original Color

77.1853, 0.2878, 0.3202

Protanomaly

77.2717, 0.3004, 0.3194

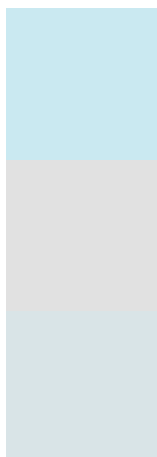
Deuteranomaly

76.6524, 0.3027, 0.3102

Tritanomaly

77.1251, 0.2850, 0.3128

Monochromacy



Original Color

77.1853, 0.2878, 0.3202

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.0080, 0.3034, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1853, 0.2878, 0.3202 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(202, 233, 241)` looks like.

```
.text, #text, p{  
    color:rgb(202, 233, 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(202, 233, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 233, 241) }
```

Border

The CSS property to change the border of an element to Yxy 77.1853, 0.2878, 0.3202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

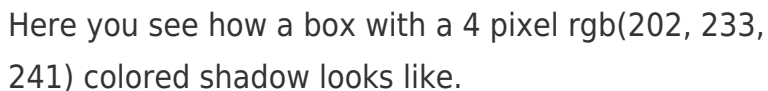
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 233, 241) }
```

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

```
.border{ border-color:rgb(202, 233, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 233, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(202, 233,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1853, 0.2878, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 233, 241) }
```

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

```
.background{ background-color: rgb(202,  
233, 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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