

Converting Colors

$Yxy(78.8801, 0.3080, 0.3453)$

Have a look what the booklet for
Yxy(78.8801, 0.3080, 0.3453)
contains.

Yxy(78.8801, 0.3080, 0.3453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(78.8801, 0.3080, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	D6EBDC
RGB	214, 235, 220
RGB Percent	84%, 92%, 86%
CMY	0.1607, 0.0784, 0.1374
CMYK	0.09, 0.00, 0.06, 0.08
HSL	137°, 34%, 88%
HSV	137°, 9%, 92%
XYZ	70.3593, 78.8801, 79.1999
YIQ	227.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

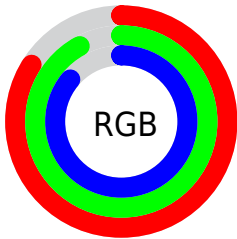
Format	Color
RYB	214, 230, 235
Decimal	14085084
CIELab	91.18, -9.68, 4.93
CIELCh	91, 10.860, 153.024
Yxy	78.8801, 0.3080, 0.3453
Android (android.graphics.Color)	4292275164 (0xFFD6EBDC)
YUV	227.0110, -3.4564, -11.4106
Hunter-Lab	88.8145, -14.0166, 9.2985

Details

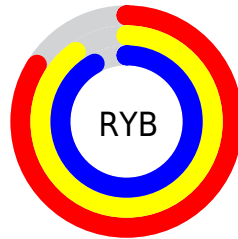
The Yxy color **78.8801, 0.3080, 0.3453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.4298, 0.3178, 0.3132**, and the grayscale version is **76.8573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3277, 0.3066, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **74.7502, 0.3027, 0.3658**, and if you desaturate by 10%, it is **83.6168, 0.3133, 0.3272**.

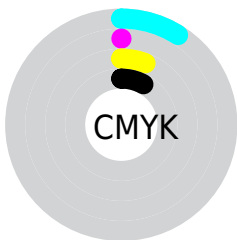
Distribution



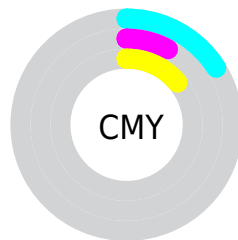
- Red (84%)
- Green (92%)
- Blue (86%)



- Red (84%)
- Yellow (90%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8801, 0.3080, 0.3453 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 78.8801, 0.3080, 0.3453 by changing the saturation by 10% instead.

■ 78.8801, 0.3080,
0.3453

■ 78.8801, 0.3080,
0.3453

491.1506, 0.3102,
0.3378

■ 58.7972, 0.3075,
0.3470

131.7901, 0.3088,
0.3427

■ 42.4499, 0.3069,
0.3491

165.3859, 0.3091,
0.3417

■ 29.4537, 0.3061,
0.3518

204.2549, 0.3093,
0.3408

■ 19.4243, 0.3050,
0.3554

248.7815, 0.3095,
0.3400

■ 11.9773, 0.3036,
0.3602

299.3499, 0.3097,
0.3394

■ 6.7282, 0.3015,
0.3671

356.3446, 0.3099,

■ 3.2927, 0.2981,

0.3388

0.3781

420.1501, 0.3101,
0.3382

■ 1.2864, 0.2919,
0.3978

■ 0.1306, 0.0000,
1.0000

■ 78.8801, 0.3080,
0.3453

■ 78.8801, 0.3080,
0.3453

■ 74.7502, 0.3027,
0.3658

■ 83.6168, 0.3133,
0.3272

■ 71.1927, 0.2977,
0.3886

■ 87.8122, 0.3144,
0.3110

■ 68.1848, 0.2931,
0.4136

■ 87.8981, 0.3136,
0.3097

■ 65.6985, 0.2893,
0.4403

■ 63.7029, 0.2866,
0.4679

■ 62.1641, 0.2852,
0.4955

■ 61.0437, 0.2854,
0.5216

■ 60.2965, 0.2872,
0.5448

■ 59.8556, 0.2902,
0.5641

Harmonies

Analogous

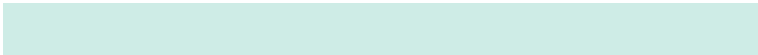
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8801, 0.3208, 0.3509



78.8801, 0.3080, 0.3453



78.8801, 0.2966, 0.3351

Triad

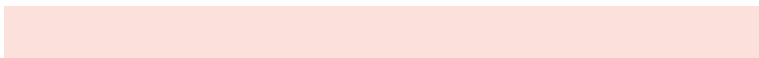
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8801, 0.3080, 0.3453



78.8801, 0.2939, 0.3081



78.8801, 0.3365, 0.3339

Complementary

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



78.8801, 0.3080, 0.3453



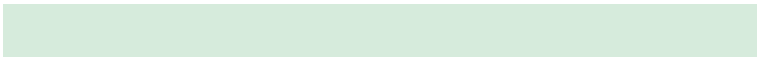
71.4298, 0.3178, 0.3132

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.



78.8801, 0.3289, 0.3228



78.8801, 0.3080, 0.3453



78.8801, 0.3043, 0.3081

Square

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



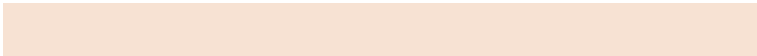
78.8801, 0.3080, 0.3453



78.8801, 0.2886, 0.3135



78.8801, 0.3171, 0.3135



78.8801, 0.3374, 0.3439

Rectangle

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



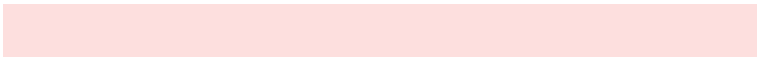
78.8801, 0.3080, 0.3453



78.8801, 0.2913, 0.3273



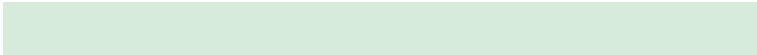
78.8801, 0.3171, 0.3135



78.8801, 0.3346, 0.3301

Sweetspot

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



78.8835, 0.3080, 0.3453



98.2296, 0.3111, 0.3343



80.9998, 0.3221, 0.3512



20.9263, 0.3107, 0.3358



0.0000, 0.0000, 0.0000



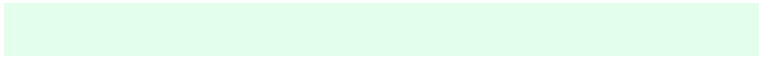
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8835, 0.3080, 0.3453



93.8345, 0.3069, 0.3495



79.4374, 0.3019, 0.3342



16.9322, 0.3077, 0.3463



33.3092, 0.2898, 0.5633



2.6316, 0.2822, 0.5360

Inverse Universe

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



71.4298, 0.3178, 0.3132



82.8900, 0.3191, 0.3094



70.8792, 0.3248, 0.3238



15.2368, 0.3181, 0.3123



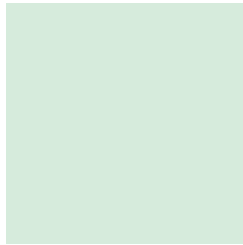
11.4365, 0.4081, 0.2022



0.9144, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 78.8801, 0.3080, 0.3453 looks on a white background.

Color Contrast Check

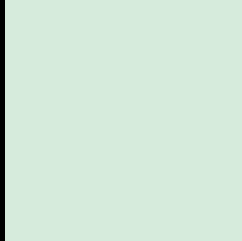
Large Text (above 18pt) WCAG AA × Fail

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 78.8801, 0.3080, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

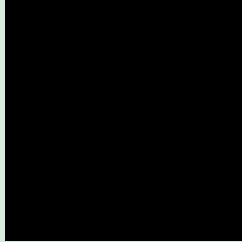
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

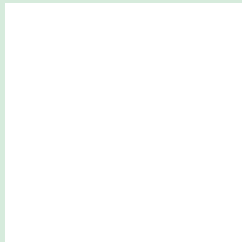
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8801, 0.3080, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 78.8801, 0.3080, 0.3453.

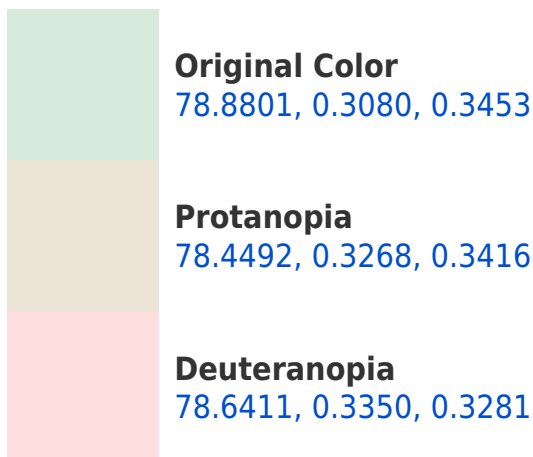


This preview shows how white text looks on a background with the Yxy color 78.8801, 0.3080, 0.3453.

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

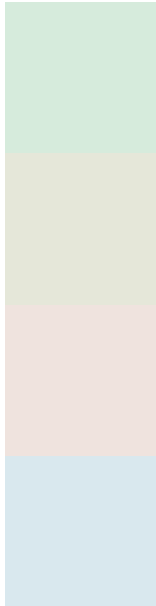




Tritanopia

79.0515, 0.2938, 0.3102

Trichromacy



Original Color

78.8801, 0.3080, 0.3453

Protanomaly

78.8196, 0.3203, 0.3439

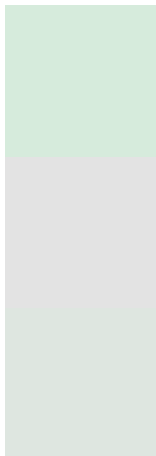
Deuteranomaly

78.5628, 0.3244, 0.3342

Tritanomaly

78.6380, 0.2991, 0.3226

Monochromacy



Original Color

78.8801, 0.3080, 0.3453

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.5050, 0.3111, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8801, 0.3080, 0.3453 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(214, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 220)  
}
```

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(214, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.8801, 0.3080, 0.3453 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(214, 235, 220) }
```

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

```
.border{ border-color:rgb(214, 235, 220) }
```

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

Here you see how a box with a 4 pixel rgb(214, 235, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8801, 0.3080, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 220) }
```

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

```
.background{ background-color: rgb(214,  
235, 220) }
```

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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