

Converting Colors

$Yxy(77.9700, 0.2989, 0.3520)$

Have a look what the booklet for
Yxy(77.9700, 0.2989, 0.3520)
contains.

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Color

Yxy(78.0291, 0.2987, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	C5EED9
RGB	197, 238, 217
RGB Percent	77%, 93%, 85%
CMY	0.2275, 0.0666, 0.1491
CMYK	0.17, 0.00, 0.09, 0.07
HSL	149°, 55%, 85%
HSV	149°, 17%, 93%
XYZ	66.1200, 78.0291, 77.2101
YIQ	223.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

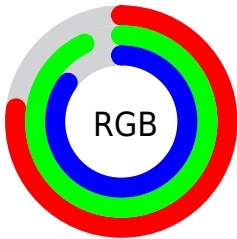
Format	Color
RYB	197, 225, 238
Decimal	12971737
CIELab	90.79, -17.28, 5.78
CIELCh	91, 18.224, 161.514
Yxy	78.0291, 0.2987, 0.3525
Android (android.graphics.Color)	4291161817 (0xFFC5EED9)
YUV	223.3470, -3.1291, -23.1063
Hunter-Lab	88.3341, -20.9735, 10.0103

Details

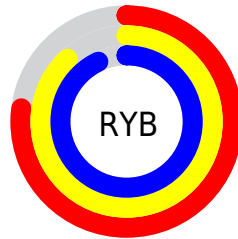
The Yxy color **78.0291, 0.2987, 0.3525** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.1676, 0.3295, 0.3066**, and the grayscale version is **74.0828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.9042, 0.2957, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **74.4578, 0.2910, 0.3682**, and if you desaturate by 10%, it is **82.1611, 0.3068, 0.3383**.

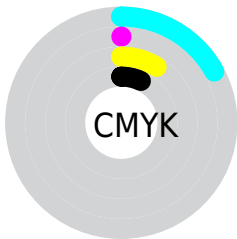
Distribution



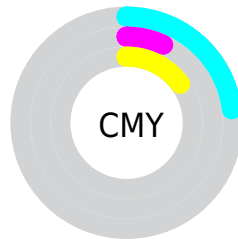
- Red (77%)
- Green (93%)
- Blue (85%)



- Red (77%)
- Yellow (88%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (23%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0291, 0.2987, 0.3525 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 78.0291, 0.2987, 0.3525 by changing the saturation by 10% instead.

■ 78.0291, 0.2987,
0.3525

■ 78.0291, 0.2987,
0.3525

488.2656, 0.3052,
0.3416

■ 58.0979, 0.2972,
0.3550

130.5911, 0.3010,
0.3487

■ 41.8873, 0.2954,
0.3581

163.9908, 0.3018,
0.3472

■ 29.0131, 0.2930,
0.3621

202.6486, 0.3026,
0.3459

■ 19.0907, 0.2900,
0.3673

246.9492, 0.3033,
0.3448

■ 11.7359, 0.2858,
0.3745

297.2767, 0.3038,
0.3439

■ 6.5641, 0.2797,
0.3850

354.0157, 0.3043,

■ 3.1910, 0.2700,

0.3430

0.4016

417.5506, 0.3048,
0.3423

■ 1.2323, 0.2511,
0.4334

■ 0.0878, 0.0000,
1.0000

■ 78.0291, 0.2987,
0.3525

■ 78.0291, 0.2987,
0.3525

■ 74.4578, 0.2910,
0.3682

■ 82.1611, 0.3068,
0.3383

■ 71.4126, 0.2840,
0.3855

■ 86.8672, 0.3150,
0.3257

■ 68.8701, 0.2781,
0.4040

■ 89.5439, 0.3144,
0.3140

■ 66.8013, 0.2735,
0.4237

■ 89.6350, 0.3135,
0.3127

■ 65.1739, 0.2705,
0.4439

■ 63.9516, 0.2695,
0.4642

■ 63.0916, 0.2705,
0.4840

■ 62.5389, 0.2734,
0.5027

■ 62.4166, 0.2744,
0.5077

Harmonies

Analogous

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



78.0291, 0.3201, 0.3647



78.0291, 0.2987, 0.3525



78.0291, 0.2815, 0.3335

Triad

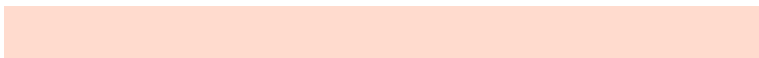
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0291, 0.2987, 0.3525



78.0291, 0.2853, 0.2932



78.0291, 0.3546, 0.3418

Complementary

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



78.0291, 0.2987, 0.3525



63.1676, 0.3295, 0.3066

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.



78.0291, 0.3447, 0.3235



78.0291, 0.2987, 0.3525



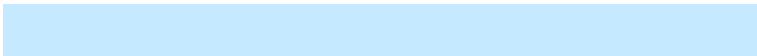
78.0291, 0.3042, 0.2962

Square

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



78.0291, 0.2987, 0.3525



78.0291, 0.2740, 0.2994



78.0291, 0.3260, 0.3071



78.0291, 0.3528, 0.3576

Rectangle

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



78.0291, 0.2987, 0.3525



78.0291, 0.2745, 0.3201



78.0291, 0.3260, 0.3071



78.0291, 0.3525, 0.3357

Sweetspot

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



78.0324, 0.2987, 0.3525



97.2478, 0.3086, 0.3354



80.1191, 0.3248, 0.3738



20.7352, 0.3080, 0.3363



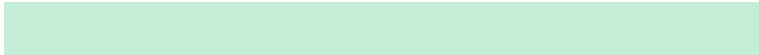
0.0000, 0.0000, 0.0000



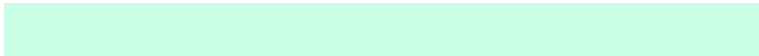
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0324, 0.2987, 0.3525



89.5767, 0.2957, 0.3584



79.1570, 0.2871, 0.3297



17.7848, 0.3049, 0.3414



34.8447, 0.2736, 0.5049



2.9188, 0.2668, 0.4804

Inverse Universe

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



63.1676, 0.3295, 0.3066



68.8947, 0.3341, 0.3014



62.1670, 0.3453, 0.3284



15.8941, 0.3213, 0.3170



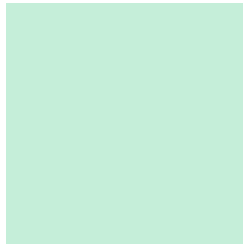
10.9509, 0.4905, 0.2476



0.9311, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 78.0291, 0.2987, 0.3525 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 78.0291, 0.2987, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

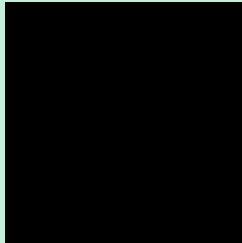
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

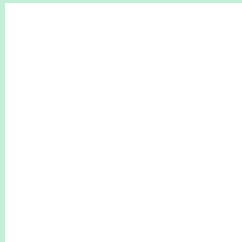
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0291, 0.2987, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 78.0291, 0.2987, 0.3525.

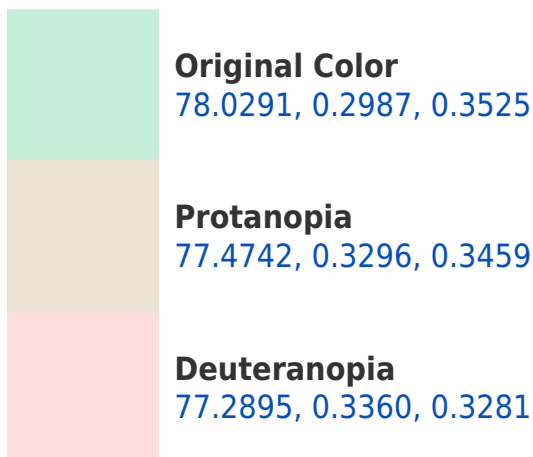


This preview shows how white text looks on a background with the Yxy color 78.0291, 0.2987, 0.3525.

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

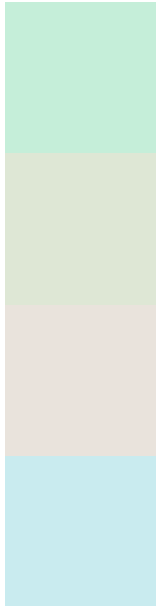




Tritanopia

78.0026, 0.2823, 0.3086

Trichromacy



Original Color

78.0291, 0.2987, 0.3525

Protanomaly

77.4855, 0.3180, 0.3484

Deuteranomaly

77.4291, 0.3215, 0.3364

Tritanomaly

78.0662, 0.2884, 0.3246

Monochromacy



Original Color

78.0291, 0.2987, 0.3525

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.0034, 0.3076, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0291, 0.2987, 0.3525 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, 238, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 238, 217)  
}
```

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, 238, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 238, 217) }
```

Border

The CSS property to change the border of an element to Yxy 78.0291, 0.2987, 0.3525 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, 238, 217) }
```

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

```
.border{ border-color:rgb(197, 238, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 238, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 238, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 238, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 238,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0291, 0.2987, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 238, 217) }
```

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

```
.background{ background-color: rgb(197,  
238, 217) }
```

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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