

Converting Colors

$Yxy(74.2708, 0.2983, 0.3537)$

Have a look what the booklet for
Yxy(74.2708, 0.2983, 0.3537)
contains.

Yxy(74.1077, 0.2978, 0.3530)	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(74.1077, 0.2978, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	BFE9D4
RGB	191, 233, 212
RGB Percent	75%, 91%, 83%
CMY	0.2508, 0.0863, 0.1685
CMYK	0.18, 0.00, 0.09, 0.09
HSL	150°, 49%, 83%
HSV	150°, 18%, 91%
XYZ	62.5192, 74.1077, 73.3099
YIQ	218.0480, -18.2910, -15.4350

Conversions

Conversions Part 2

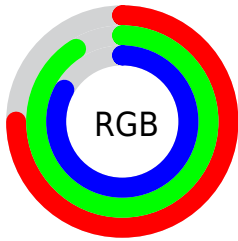
Format	Color
RYB	191, 219, 233
Decimal	12577236
CIELab	88.97, -17.63, 5.70
CIElCh	89, 18.530, 162.098
Yxy	74.1077, 0.2978, 0.3530
Android (android.graphics.Color)	4290767316 (0xFFBFE9D4)
YUV	218.0480, -2.9817, -23.7211
Hunter-Lab	86.0858, -21.0159, 9.7692

Details

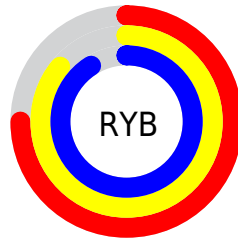
The Yxy color **74.1077, 0.2978, 0.3530** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.3594, 0.3308, 0.3062**, and the grayscale version is **70.1845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.1970, 0.2945, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **70.7585, 0.2900, 0.3684**, and if you desaturate by 10%, it is **77.9861, 0.3060, 0.3391**.

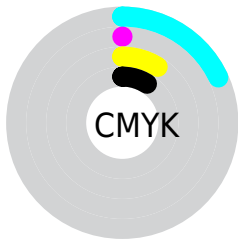
Distribution



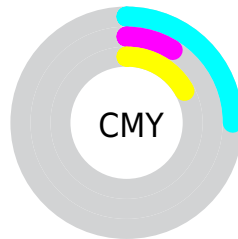
- Red (75%)
- Green (91%)
- Blue (83%)



- Red (75%)
- Yellow (86%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)





- Cyan (25%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1077, 0.2978, 0.3530 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 74.1077, 0.2978, 0.3530 by changing the saturation by 10% instead.


 74.1077, 0.2978,
0.3530

 74.1077, 0.2978,
0.3530


474.8450, 0.3048,
0.3417

 54.8822, 0.2962,
0.3556


 125.0485, 0.3002,
0.3491

 39.3074, 0.2942,
0.3589


157.5325, 0.3012,
0.3475

 26.9990, 0.2916,
0.3631


195.2049, 0.3020,
0.3462

 17.5724, 0.2882,
0.3686

238.4499, 0.3027,
0.3451

 10.6435, 0.2836,
0.3763

287.6521, 0.3033,
0.3441

 5.8276, 0.2767,
0.3876

343.1957, 0.3039,

 2.7406, 0.2657,


0.3432


0.4060


405.4652, 0.3043,
0.3424


 0.9978, 0.2341,
0.4546

 0.0000, 0.0000,
0.0000


 74.1077, 0.2978,
0.3530

 74.1077, 0.2978,
0.3530


 70.7585, 0.2900,
0.3684

 77.9861, 0.3060,
0.3391


 67.9057, 0.2830,
0.3853

 82.4063, 0.3144,
0.3266

 65.5268, 0.2770,
0.4034

 86.2470, 0.3188,
0.3154

 63.5942, 0.2723,
0.4226

 86.7536, 0.3137,
0.3078

■ 62.0772, 0.2694,
0.4423

■ 60.9409, 0.2685,
0.4621

■ 60.1445, 0.2695,
0.4814

■ 59.6315, 0.2724,
0.4997

■ 59.5464, 0.2731,
0.5032

Harmonies

Analogous

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



74.1077, 0.3199, 0.3658



74.1077, 0.2978, 0.3530



74.1077, 0.2802, 0.3332

Triad

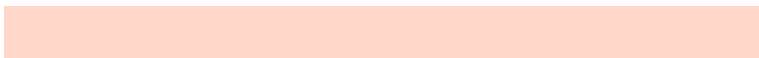
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1077, 0.2978, 0.3530



74.1077, 0.2847, 0.2920



74.1077, 0.3562, 0.3425

Complementary

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



74.1077, 0.2978, 0.3530



59.3594, 0.3308, 0.3062

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.



74.1077, 0.3461, 0.3237



74.1077, 0.2978, 0.3530



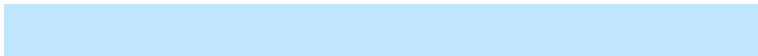
74.1077, 0.3044, 0.2952

Square

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



74.1077, 0.2978, 0.3530



74.1077, 0.2728, 0.2981



74.1077, 0.3269, 0.3067



74.1077, 0.3540, 0.3588

Rectangle

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



74.1077, 0.2978, 0.3530



74.1077, 0.2730, 0.3194



74.1077, 0.3269, 0.3067



74.1077, 0.3541, 0.3363

Sweetspot

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



74.1108, 0.2978, 0.3530



97.2577, 0.3085, 0.3352



76.0374, 0.3248, 0.3759



20.7376, 0.3079, 0.3361



0.0000, 0.0000, 0.0000



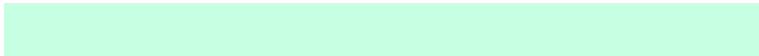
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1108, 0.2978, 0.3530



89.1919, 0.2945, 0.3592



75.2390, 0.2857, 0.3289



16.9878, 0.3048, 0.3410



33.8154, 0.2724, 0.5005



2.6747, 0.2653, 0.4751

Inverse Universe

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



59.3594, 0.3308, 0.3062



67.6040, 0.3358, 0.3007



58.3687, 0.3476, 0.3291



15.1797, 0.3215, 0.3173



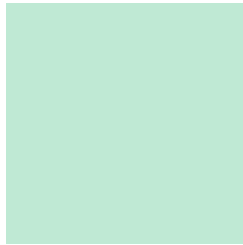
10.5768, 0.4956, 0.2504



0.8500, 0.4649, 0.2335

Previews

White Background



This preview shows how the Yxy color 74.1077, 0.2978, 0.3530 looks on a white background.

Color Contrast Check

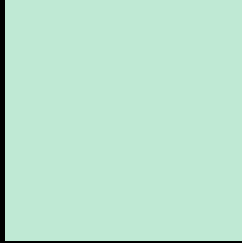
Large Text (above 18pt) WCAG AA × Fail

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 74.1077, 0.2978, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

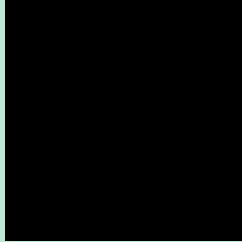
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

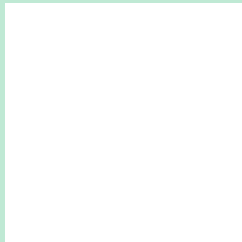
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1077, 0.2978, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 74.1077, 0.2978, 0.3530.



This preview shows how white text looks on a background with the Yxy color 74.1077, 0.2978, 0.3530.

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



Original Color

74.1077, 0.2978, 0.3530

Protanopia

73.6877, 0.3299, 0.3462

Deuteranopia

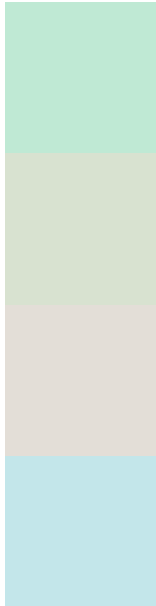
73.8438, 0.3356, 0.3291



Tritanopia

74.0109, 0.2816, 0.3092

Trichromacy



Original Color

74.1077, 0.2978, 0.3530

Protanomaly

73.5457, 0.3174, 0.3489

Deuteranomaly

73.4797, 0.3209, 0.3366

Tritanomaly

74.1362, 0.2873, 0.3245

Monochromacy



Original Color

74.1077, 0.2978, 0.3530

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1431, 0.3068, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1077, 0.2978, 0.3530 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(191, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 233, 212)  
}
```

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(191, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 233, 212) }
```

Border

The CSS property to change the border of an element to Yxy 74.1077, 0.2978, 0.3530 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(191, 233, 212) }
```

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

```
.border{ border-color:rgb(191, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 233,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1077, 0.2978, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 233, 212) }
```

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

```
.background{ background-color: rgb(191,  
233, 212) }
```

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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