

Converting Colors

$Yxy(79.2117, 0.2761, 0.3163)$

Have a look what the booklet for
Yxy(79.2117, 0.2761, 0.3163)
contains.

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Color

Yxy(78.9983, 0.2761, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	BEEEFA
RGB	190, 238, 250
RGB Percent	75%, 93%, 98%
CMY	0.2550, 0.0667, 0.0194
CMYK	0.24, 0.05, 0.00, 0.02
HSL	192°, 86%, 86%
HSV	192°, 24%, 98%
XYZ	69.0672, 78.9983, 102.0874
YIQ	225.0160, -32.4600, -6.4440

Conversions

Conversions Part 2

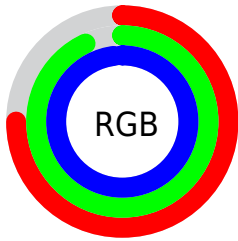
Format	Color
R_{YB}	190, 217, 250
Decimal	12513018
CIE _{Lab}	91.23, -12.69, -10.86
CIE _{LCh}	91, 16.709, 220.557
Yxy	78.9983, 0.2761, 0.3158
Android (android.graphics.Color)	4290703098 (0xFFBEEEF _A)
YUV	225.0160, 12.3171, -30.7090
Hunter-Lab	88.8810, -16.8338, -5.8829

Details

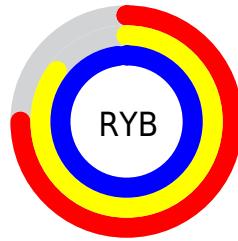
The Yxy color **78.9983, 0.2761, 0.3158** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3034, 0.3601, 0.3418**, and the grayscale version is **75.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **42.5018, 0.2675, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **73.1746, 0.2619, 0.3095**, and if you desaturate by 10%, it is **85.4620, 0.2911, 0.3216**.

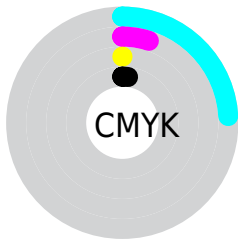
Distribution



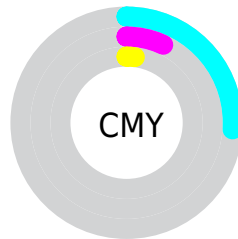
- Red (75%)
- Green (93%)
- Blue (98%)



- Red (75%)
- Yellow (85%)
- Blue (98%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9983, 0.2761, 0.3158 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 78.9983, 0.2761, 0.3158 by changing the saturation by 10% instead.

78.9983, 0.2761,
0.3158

78.9983, 0.2761,
0.3158

491.5506, 0.2926,
0.3221

58.8944, 0.2724,
0.3143

131.9565, 0.2817,
0.3180

42.5281, 0.2680,
0.3125

165.5795, 0.2840,
0.3188

29.5151, 0.2624,
0.3102

204.4778, 0.2859,
0.3196

19.4708, 0.2552,
0.3072

249.0356, 0.2876,
0.3202

12.0110, 0.2458,
0.3030

299.6374, 0.2890,
0.3207

6.7511, 0.2326,
0.2968

356.6676, 0.2904,

3.3070, 0.2131,

0.3212

0.2871

420.5105, 0.2915,
0.3217

1.2940, 0.1819,
0.2697

0.1366, 0.0000,
0.1307

78.9983, 0.2761,
0.3158

78.9983, 0.2761,
0.3158

73.1746, 0.2619,
0.3095

85.4620, 0.2911,
0.3216

67.9524, 0.2487,
0.3028

92.5830, 0.3065,
0.3270

63.3036, 0.2369,
0.2958

98.4437, 0.3157,
0.3319

59.1937, 0.2268,
0.2885

99.6850, 0.3156,
0.3337

■ 55.5840, 0.2186,
0.2811

■ 52.4294, 0.2123,
0.2737

■ 49.6752, 0.2080,
0.2664

■ 48.1725, 0.2061,
0.2620

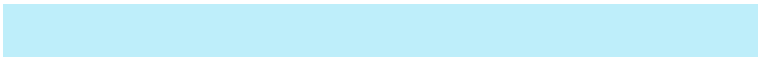
Harmonies

Analogous

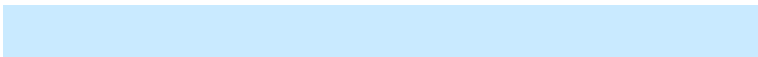
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9983, 0.2846, 0.3337



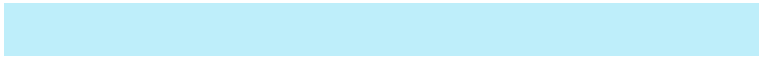
78.9983, 0.2761, 0.3158



78.9983, 0.2771, 0.3023

Triad

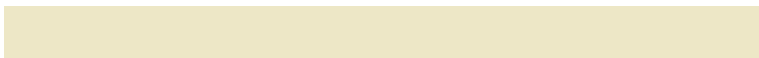
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9983, 0.2761, 0.3158



78.9983, 0.3243, 0.3085



78.9983, 0.3381, 0.3629

Complementary

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



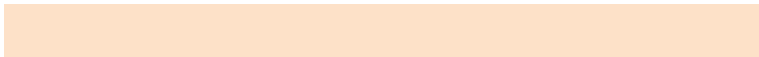
78.9983, 0.2761, 0.3158



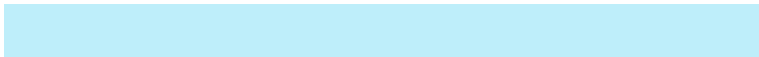
66.3034, 0.3601, 0.3418

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.



78.9983, 0.3495, 0.3548



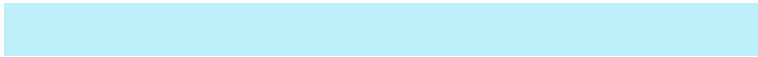
78.9983, 0.2761, 0.3158



78.9983, 0.3414, 0.3235

Square

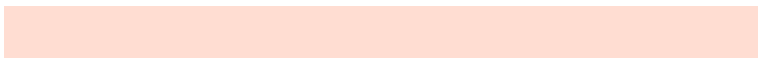
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



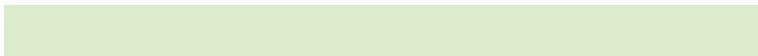
78.9983, 0.2761, 0.3158



78.9983, 0.3044, 0.2987



78.9983, 0.3508, 0.3403



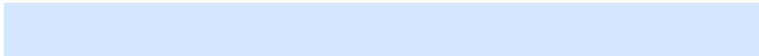
78.9983, 0.3201, 0.3617

Rectangle

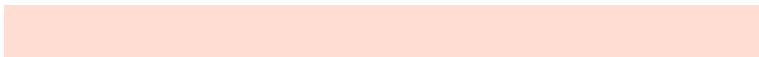
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



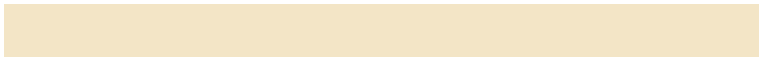
78.9983, 0.2761, 0.3158



78.9983, 0.2829, 0.2974



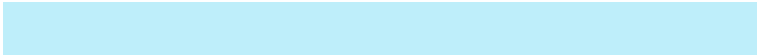
78.9983, 0.3508, 0.3403



78.9983, 0.3429, 0.3611

Sweetspot

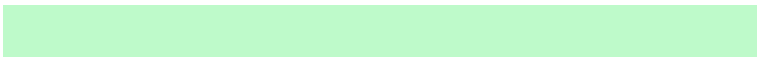
The Sweet Spot groups the original color and five complimentary colors.



79.0015, 0.2761, 0.3158



94.5081, 0.3018, 0.3255



83.6094, 0.3029, 0.3831



20.1308, 0.3009, 0.3251



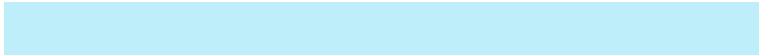
0.0000, 0.0000, 0.0000



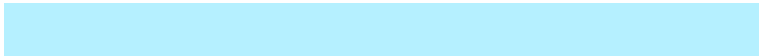
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0015, 0.2761, 0.3158



79.4717, 0.2689, 0.3127



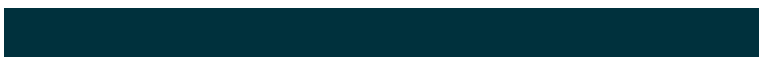
62.9634, 0.2732, 0.2818



18.9826, 0.2980, 0.3241



25.7509, 0.2065, 0.2632



2.5298, 0.2089, 0.2720

Inverse Universe

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



63.3260, 0.3245, 0.2804



60.6296, 0.3274, 0.2700



81.7785, 0.3531, 0.3721



17.4614, 0.3169, 0.3102



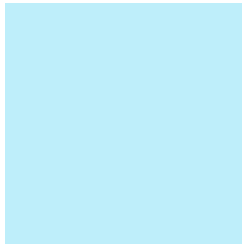
13.0105, 0.3793, 0.1863



1.2196, 0.3710, 0.1817

Previews

White Background



This preview shows how the Yxy color 78.9983, 0.2761, 0.3158 looks on a white background.

Color Contrast Check

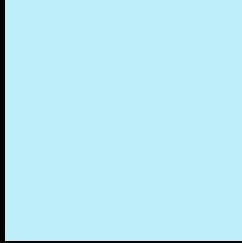
Large Text (above 18pt) WCAG AA × Fail

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 78.9983, 0.2761, 0.3158 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 78.9983, 0.2761, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 78.9983, 0.2761, 0.3158.

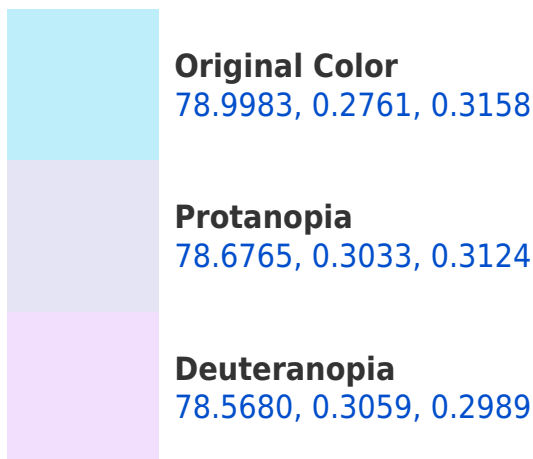


This preview shows how white text looks on a background with the Yxy color 78.9983, 0.2761, 0.3158.

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

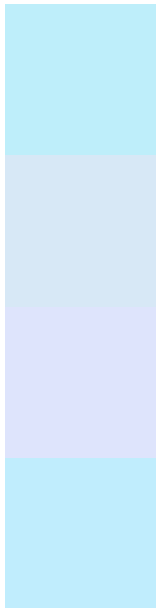




Tritanopia

79.1258, 0.2751, 0.3095

Trichromacy



Original Color

78.9983, 0.2761, 0.3158

Protanomaly

78.8141, 0.2931, 0.3142

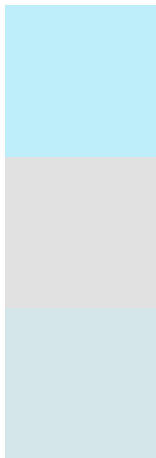
Deuteranomaly

78.0447, 0.2939, 0.3041

Tritanomaly

78.8667, 0.2756, 0.3116

Monochromacy



Original Color

78.9983, 0.2761, 0.3158

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.5312, 0.2982, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9983, 0.2761, 0.3158 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(190, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 250)  
}
```

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(190, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 250) }
```

Border

The CSS property to change the border of an element to Yxy 78.9983, 0.2761, 0.3158 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(190, 238, 250) }
```

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

```
.border{ border-color:rgb(190, 238, 250) }
```

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

Here you see how a box with a 4 pixel rgb(190, 238, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9983, 0.2761, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 250) }
```

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

```
.background{ background-color: rgb(190,  
238, 250) }
```

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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