

Converting Colors

$Yxy(79.3340, 0.2783, 0.3213)$

Have a look what the booklet for
Yxy(79.3340, 0.2783, 0.3213)
contains.

Yxy(79.3340, 0.2783, 0.3213)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3340, 0.2783, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	BEEFF6
RGB	190, 239, 246
RGB Percent	75%, 94%, 96%
CMY	0.2553, 0.0626, 0.0354
CMYK	0.23, 0.03, 0.00, 0.04
HSL	187°, 76%, 85%
HSV	187°, 23%, 96%
XYZ	68.7166, 79.3340, 98.8650
YIQ	225.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

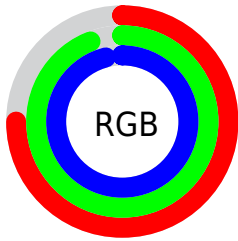
Format	Color
R _Y B	190, 216, 246
Decimal	12513270
CIE Lab	91.39, -14.11, -8.52
CIE LCh	91, 16.484, 211.127
Yxy	79.3340, 0.2783, 0.3213
Android (android.graphics.Color)	4290703350 (0xFFBEEFF6)
YUV	225.1470, 10.2805, -30.8239
Hunter-Lab	89.0696, -18.1603, -3.4616

Details

The Yxy color **79.3340, 0.2783, 0.3213** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.1746, 0.3581, 0.3366**, and the grayscale version is **75.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **42.7356, 0.2703, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **74.6626, 0.2645, 0.3175**, and if you desaturate by 10%, it is **84.5765, 0.2930, 0.3249**.

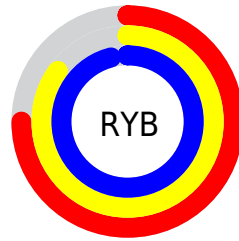
Distribution



Red (75%)

Green (94%)

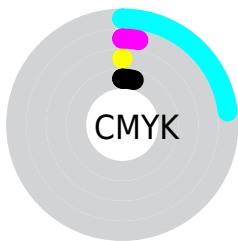
Blue (96%)



Red (75%)

Yellow (85%)

Blue (96%)

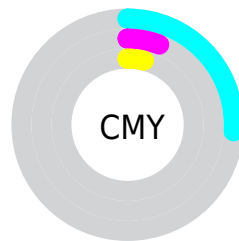


Cyan (23%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (26%)


Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3340, 0.2783, 0.3213 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 79.3340, 0.2783, 0.3213 by changing the saturation by 10% instead.

 79.3340, 0.2783,
0.3213

 79.3340, 0.2783,
0.3213

492.6855, 0.2938,
0.3250

 59.1705, 0.2749,
0.3204


 132.4290, 0.2836,
0.3226

 42.7504, 0.2706,
0.3193


166.1292, 0.2857,
0.3231

 29.6893, 0.2654,
0.3179


205.1104, 0.2875,
0.3236

 19.6029, 0.2586,
0.3160

249.7570, 0.2891,
0.3239

 12.1067, 0.2497,
0.3133

300.4535, 0.2905,
0.3243

 6.8164, 0.2372,
0.3093

357.5841, 0.2917,

 3.3475, 0.2186,

0.3245

0.3028

421.5333, 0.2928,
0.3248

1.3158, 0.1886,
0.2907

0.1534, 0.0000,
0.1674

79.3340, 0.2783,
0.3213

79.3340, 0.2783,
0.3213

74.6626, 0.2645,
0.3175

84.5765, 0.2930,
0.3249

70.5255, 0.2519,
0.3134

90.4054, 0.3084,
0.3281

66.8968, 0.2409,
0.3092

95.1591, 0.3184,
0.3311

63.7441, 0.2316,
0.3049

97.0525, 0.3182,
0.3341

■ 61.0314, 0.2242,
0.3005

■ 98.9767, 0.3180,
0.3370

■ 58.7167, 0.2187,
0.2961

■ 99.4328, 0.3179,
0.3376

■ 56.7496, 0.2152,
0.2917

■ 55.4934, 0.2135,
0.2886

Harmonies

Analogous

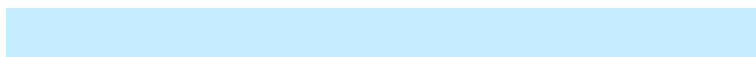
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3340, 0.2893, 0.3393



79.3340, 0.2783, 0.3213



79.3340, 0.2763, 0.3062

Triad

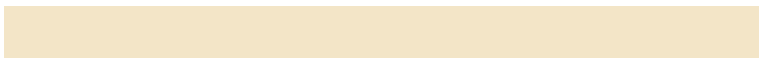
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3340, 0.2783, 0.3213



79.3340, 0.3180, 0.3051



79.3340, 0.3422, 0.3608

Complementary

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



79.3340, 0.2783, 0.3213



63.1746, 0.3581, 0.3366

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.



79.3340, 0.3505, 0.3504



79.3340, 0.2783, 0.3213



79.3340, 0.3363, 0.3186

Square

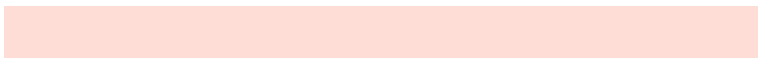
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3340, 0.2783, 0.3213



79.3340, 0.2987, 0.2975



79.3340, 0.3484, 0.3350



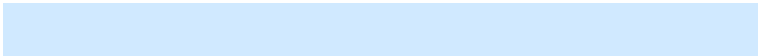
79.3340, 0.3260, 0.3627

Rectangle

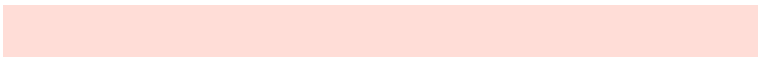
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



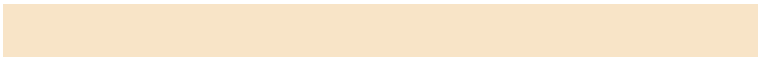
79.3340, 0.2783, 0.3213



79.3340, 0.2802, 0.2997



79.3340, 0.3484, 0.3350



79.3340, 0.3460, 0.3581

Sweetspot

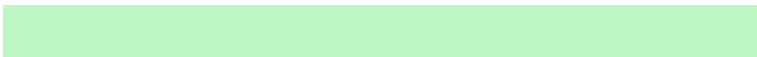
The Sweet Spot groups the original color and five complimentary colors.



79.3372, 0.2783, 0.3213



95.3657, 0.3018, 0.3268



80.8427, 0.3060, 0.3854



20.3299, 0.3009, 0.3266



0.0000, 0.0000, 0.0000



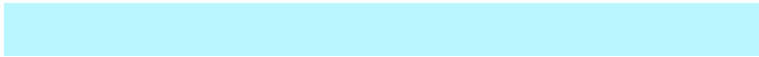
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3372, 0.2783, 0.3213



83.8693, 0.2723, 0.3197



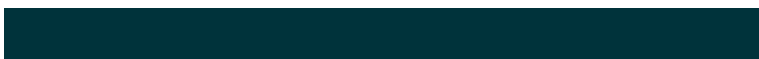
64.3778, 0.2759, 0.2900



18.3864, 0.2981, 0.3260



29.7669, 0.2137, 0.2893



2.7127, 0.2152, 0.2948

Inverse Universe

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



62.6109, 0.3205, 0.2788



63.1231, 0.3222, 0.2693



76.8775, 0.3518, 0.3651



16.7308, 0.3157, 0.3085



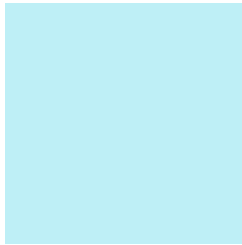
13.1044, 0.3549, 0.1729



1.1615, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 79.3340, 0.2783, 0.3213 looks on a white background.

Color Contrast Check

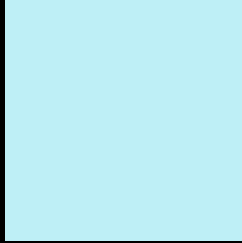
Large Text (above 18pt) WCAG AA × Fail

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 79.3340, 0.2783, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

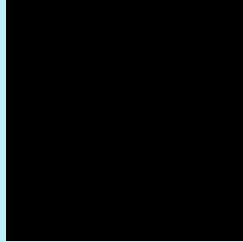
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3340, 0.2783, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 79.3340, 0.2783, 0.3213.

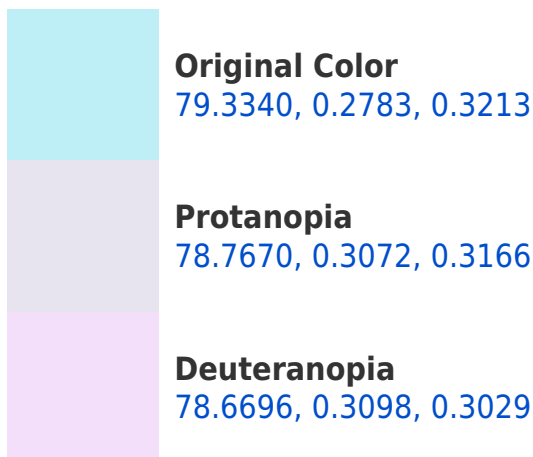


This preview shows how white text looks on a background with the Yxy color 79.3340, 0.2783, 0.3213.

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

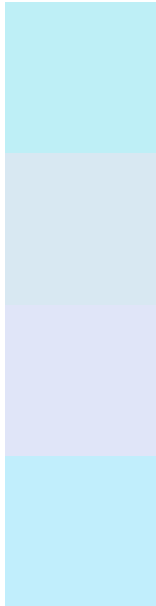




Tritanopia

79.2577, 0.2757, 0.3096

Trichromacy



Original Color

79.3340, 0.2783, 0.3213

Protanomaly

78.7230, 0.2960, 0.3184

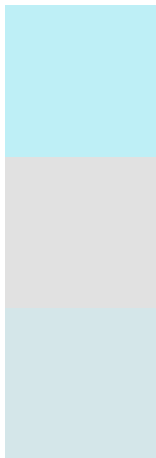
Deuteranomaly

78.6632, 0.2976, 0.3093

Tritanomaly

79.5148, 0.2768, 0.3138

Monochromacy



Original Color

79.3340, 0.2783, 0.3213

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.4739, 0.2988, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3340, 0.2783, 0.3213 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, 239, 246)` looks like.

```
.text, #text, p{  
    color:rgb(190, 239, 246)  
}
```

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, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 239, 246) }
```

Border

The CSS property to change the border of an element to Yxy 79.3340, 0.2783, 0.3213 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, 239, 246) }
```

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

```
.border{ border-color:rgb(190, 239, 246) }
```

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

Here you see how a box with a 4 pixel rgb(190, 239, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(190, 239,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3340, 0.2783, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 239, 246) }
```

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

```
.background{ background-color: rgb(190,  
239, 246) }
```

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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