

Converting Colors

$Yxy(79.7773, 0.2760, 0.3281)$

Have a look what the booklet for
Yxy(79.7773, 0.2760, 0.3281)
contains.

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Color

Yxy(79.9204, 0.2757, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B6F2F3
RGB	182, 242, 243
RGB Percent	71%, 95%, 95%
CMY	0.2863, 0.0509, 0.0471
CMYK	0.25, 0.00, 0.00, 0.05
HSL	181°, 72%, 83%
HSV	181°, 25%, 95%
XYZ	67.2180, 79.9204, 96.6700
YIQ	224.1740, -36.0810, -12.4090

Conversions

Conversions Part 2

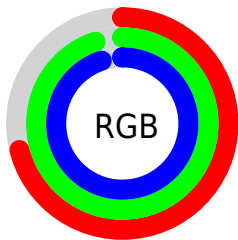
Format	Color
R_{YB}	182, 212, 243
Decimal	11989747
CIE Lab	91.65, -18.53, -6.62
CIE LCh	92, 19.682, 199.661
Yxy	79.9204, 0.2757, 0.3278
Android (android.graphics.Color)	4290179827 (0xFFB6F2F3)
YUV	224.1740, 9.2812, -36.9866
Hunter-Lab	89.3982, -22.2338, -1.5340

Details

The Yxy color **79.9204, 0.2757, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.2872, 0.3657, 0.3302**, and the grayscale version is **74.6240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **43.2177, 0.2673, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **76.9844, 0.2630, 0.3273**, and if you desaturate by 10%, it is **83.3767, 0.2897, 0.3283**.

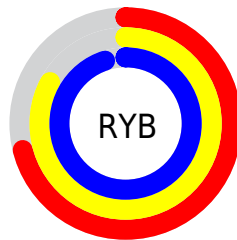
Distribution



Red (71%)

Green (95%)

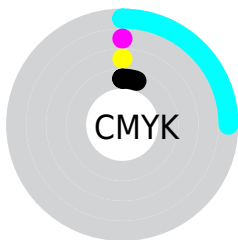
Blue (95%)



Red (71%)

Yellow (83%)

Blue (95%)

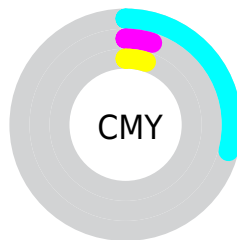


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (29%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9204, 0.2757, 0.3278 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 79.9204, 0.2757, 0.3278 by changing the saturation by 10% instead.


 79.9204, 0.2757,
0.3278

 79.9204, 0.2757,
0.3278

494.6645, 0.2924,
0.3286

 59.6529, 0.2720,
0.3276


 133.2538, 0.2814,
0.3281

 43.1389, 0.2675,
0.3273

167.0885, 0.2836,
0.3282

 29.9941, 0.2618,
0.3268


206.2143, 0.2856,
0.3283

 19.8341, 0.2546,
0.3262

251.0156, 0.2873,
0.3284

 12.2745, 0.2450,
0.3253

301.8770, 0.2888,
0.3285

 6.9309, 0.2316,
0.3237

359.1826, 0.2901,

 3.4189, 0.2119,

0.3285

423.3170, 0.2913,
0.3285

0.3207

1.3542, 0.1796,
0.3145

0.1826, 0.0000,
0.2162

79.9204, 0.2757,
0.3278

79.9204, 0.2757,
0.3278

76.9844, 0.2630,
0.3273

83.3767, 0.2897,
0.3283

74.5324, 0.2518,
0.3267


87.3682, 0.3048,
0.3288


72.5388, 0.2424,
0.3262

91.9211, 0.3205,
0.3292


70.9716, 0.2349,
0.3256

92.1773, 0.3205,
0.3296

 69.7950, 0.2294,
0.3251


 92.4130, 0.3205,
0.3300


 68.9667, 0.2257,
0.3245

 92.6492, 0.3205,
0.3303

 68.4354, 0.2238,
0.3240

 92.8858, 0.3204,
0.3307

 68.2455, 0.2233,
0.3238

 93.1230, 0.3204,
0.3311

 93.3607, 0.3204,
0.3315

Harmonies

Analogous

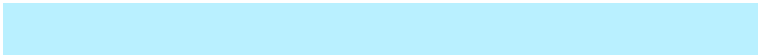
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9204, 0.2920, 0.3491



79.9204, 0.2757, 0.3278



79.9204, 0.2691, 0.3078

Triad

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



79.9204, 0.2757, 0.3278



79.9204, 0.3099, 0.2963



79.9204, 0.3530, 0.3630

Complementary

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



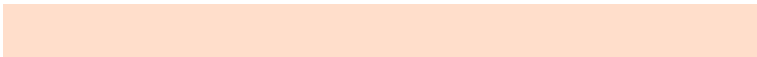
79.9204, 0.2757, 0.3278



56.2872, 0.3657, 0.3302

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.



79.9204, 0.3584, 0.3476



79.9204, 0.2757, 0.3278



79.9204, 0.3330, 0.3099

Square

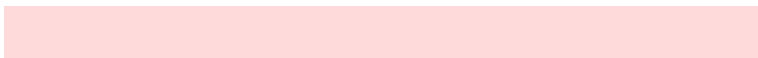
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9204, 0.2757, 0.3278



79.9204, 0.2883, 0.2907



79.9204, 0.3510, 0.3284



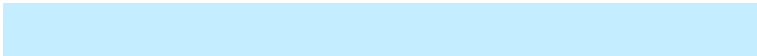
79.9204, 0.3366, 0.3698

Rectangle

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



79.9204, 0.2757, 0.3278



79.9204, 0.2709, 0.2980



79.9204, 0.3510, 0.3284



79.9204, 0.3562, 0.3586

Sweetspot

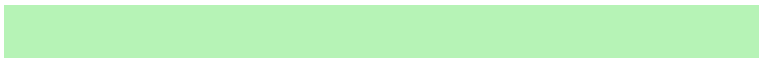
The Sweet Spot groups the original color and five complimentary colors.



79.9236, 0.2757, 0.3278



96.1243, 0.3003, 0.3286



77.4176, 0.3094, 0.4006



20.4282, 0.2980, 0.3286



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.



79.9236, 0.2757, 0.3278



87.4792, 0.2692, 0.3275



63.7478, 0.2727, 0.2940



18.7092, 0.2981, 0.3286



37.4789, 0.2233, 0.3238



3.3085, 0.2235, 0.3245

Inverse Universe

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



58.9169, 0.3164, 0.2674



60.4409, 0.3172, 0.2552



69.7635, 0.3580, 0.3616



16.7634, 0.3141, 0.3061



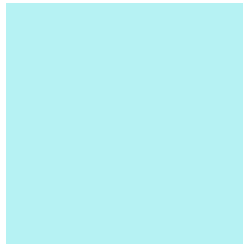
13.8829, 0.3250, 0.1564



1.2216, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 79.9204, 0.2757, 0.3278 looks on a white background.

Color Contrast Check

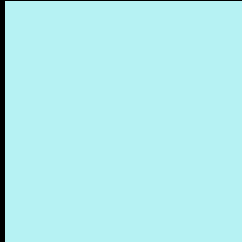
Large Text (above 18pt) WCAG AA × Fail

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 79.9204, 0.2757, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

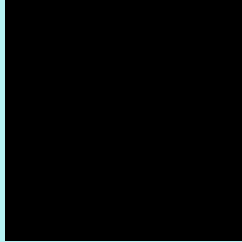
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9204, 0.2757, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 79.9204, 0.2757, 0.3278.

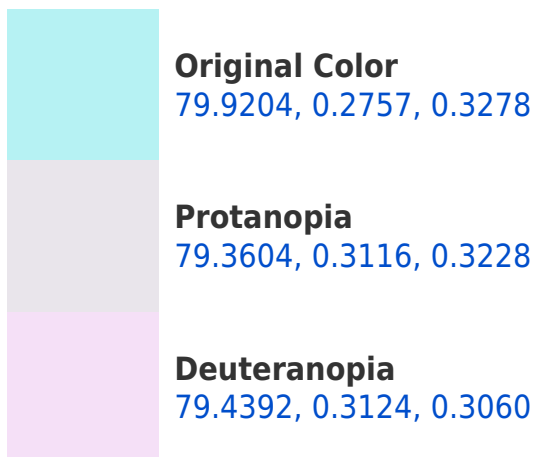


This preview shows how white text looks on a background with the Yxy color 79.9204, 0.2757, 0.3278.

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

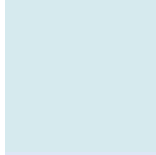
79.5755, 0.2746, 0.3106

Trichromacy



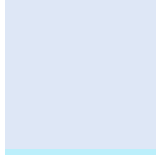
Original Color

79.9204, 0.2757, 0.3278



Protanomaly

79.3148, 0.2972, 0.3247



Deuteranomaly

79.3352, 0.2975, 0.3133



Tritanomaly

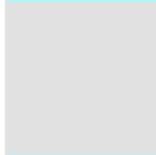
79.3894, 0.2746, 0.3158

Monochromacy



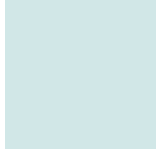
Original Color

79.9204, 0.2757, 0.3278



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.4767, 0.2981, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9204, 0.2757, 0.3278 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(182, 242, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 243)  
}
```

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(182, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.9204, 0.2757, 0.3278 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(182, 242, 243) }
```

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

```
.border{ border-color:rgb(182, 242, 243) }
```

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

Here you see how a box with a 4 pixel rgb(182, 242, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9204, 0.2757, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 243) }
```

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

```
.background{ background-color: rgb(182,  
242, 243) }
```

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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