

Converting Colors

$Yxy(79.5604, 0.2860, 0.3245)$

Have a look what the booklet for
Yxy(79.5604, 0.2860, 0.3245)
contains.

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Color

Yxy(79.7020, 0.2857, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	C7EEF2
RGB	199, 238, 242
RGB Percent	78%, 93%, 95%
CMY	0.2197, 0.0666, 0.0510
CMYK	0.18, 0.02, 0.00, 0.05
HSL	186°, 62%, 86%
HSV	186°, 18%, 95%
XYZ	70.1505, 79.7020, 95.6866
YIQ	226.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

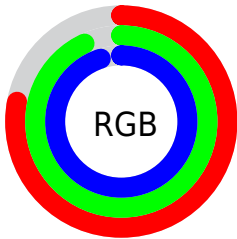
Format	Color
R _{YB}	199, 219, 242
Decimal	13102834
CIE Lab	91.55, -11.73, -6.14
CIE LCh	92, 13.234, 207.628
Yxy	79.7020, 0.2857, 0.3246
Android (android.graphics.Color)	4291292914 (0xFFC7EEF2)
YUV	226.7950, 7.4961, -24.3762
Hunter-Lab	89.2760, -15.9727, -1.0542

Details

The Yxy color **79.7020, 0.2857, 0.3246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6974, 0.3464, 0.3334**, and the grayscale version is **76.6169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9304, 0.2793, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **75.3564, 0.2716, 0.3218**, and if you desaturate by 10%, it is **84.5967, 0.3007, 0.3272**.

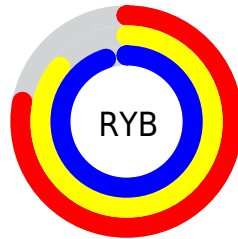
Distribution



Red (78%)

Green (93%)

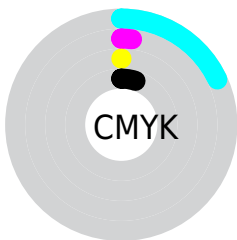
Blue (95%)



Red (78%)

Yellow (86%)

Blue (95%)

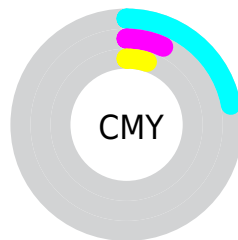


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7020, 0.2857, 0.3246 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 79.7020, 0.2857, 0.3246 by changing the saturation by 10% instead.

■ 79.7020, 0.2857,
0.3246

■ 79.7020, 0.2857,
0.3246

493.9280, 0.2979,
0.3267

■ 59.4732, 0.2830,
0.3241

132.9467, 0.2899,
0.3254

■ 42.9941, 0.2797,
0.3234

166.7313, 0.2915,
0.3257

■ 29.8805, 0.2755,
0.3226

205.8033, 0.2929,
0.3259

■ 19.7479, 0.2701,
0.3215

250.5471, 0.2942,
0.3261

■ 12.2119, 0.2630,
0.3199

301.3471, 0.2953,
0.3263

■ 6.8882, 0.2530,
0.3176

358.5876, 0.2963,

■ 3.3923, 0.2380,

0.3265

0.3137

422.6531, 0.2971,
0.3266

■ 1.3398, 0.2132,
0.3064

■ 0.1717, 0.0000,
0.2180

■ 79.7020, 0.2857,
0.3246

■ 79.7020, 0.2857,
0.3246

■ 75.3564, 0.2716,
0.3218

■ 84.5967, 0.3007,
0.3272

■ 71.5253, 0.2586,
0.3189

■ 90.0540, 0.3162,
0.3295

■ 68.1850, 0.2471,
0.3158

■ 92.8170, 0.3210,
0.3317

■ 65.3062, 0.2373,
0.3127

■ 94.1803, 0.3209,
0.3338

■ 62.8562, 0.2293,
0.3095

■ 95.5602, 0.3207,
0.3360

■ 60.7980, 0.2233,
0.3062

■ 96.9566, 0.3205,
0.3381

■ 59.0879, 0.2193,
0.3030

■ 98.3697, 0.3204,
0.3403

■ 57.6672, 0.2169,
0.2999

■ 99.1906, 0.3203,
0.3415

■ 57.3706, 0.2164,
0.2992

Harmonies

Analogous

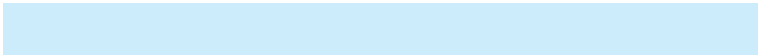
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7020, 0.2953, 0.3389



79.7020, 0.2857, 0.3246



79.7020, 0.2831, 0.3120

Triad

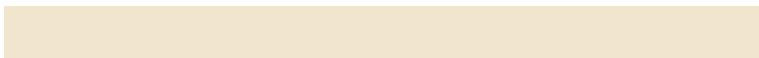
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7020, 0.2857, 0.3246



79.7020, 0.3152, 0.3087



79.7020, 0.3375, 0.3539

Complementary

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



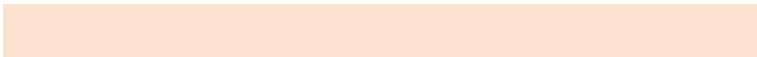
79.7020, 0.2857, 0.3246



65.6974, 0.3464, 0.3334

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.



79.7020, 0.3432, 0.3450



79.7020, 0.2857, 0.3246



79.7020, 0.3301, 0.3192

Square

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



79.7020, 0.2857, 0.3246



79.7020, 0.2998, 0.3033



79.7020, 0.3405, 0.3324



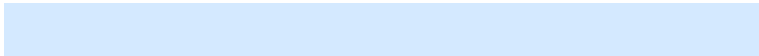
79.7020, 0.3252, 0.3561

Rectangle

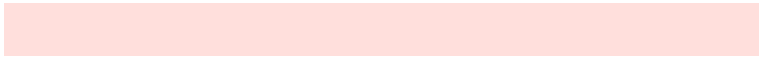
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



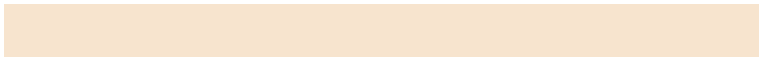
79.7020, 0.2857, 0.3246



79.7020, 0.2857, 0.3062



79.7020, 0.3405, 0.3324



79.7020, 0.3403, 0.3515

Sweetspot

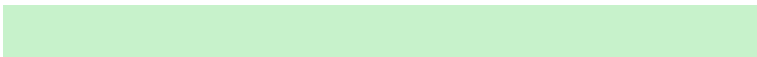
The Sweet Spot groups the original color and five complimentary colors.



79.7053, 0.2857, 0.3246



96.9099, 0.3049, 0.3278



79.9331, 0.3083, 0.3733



20.6525, 0.3038, 0.3277



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.



79.7053, 0.2857, 0.3246



88.0942, 0.2810, 0.3237



68.1278, 0.2845, 0.3011



17.6638, 0.2981, 0.3267



30.9293, 0.2166, 0.2997



2.6455, 0.2177, 0.3039

Inverse Universe

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



65.8899, 0.3176, 0.2888



70.1479, 0.3187, 0.2812



76.3507, 0.3426, 0.3554



16.0047, 0.3152, 0.3079



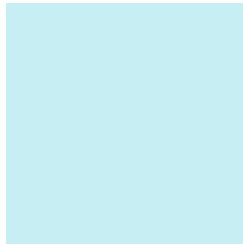
12.9157, 0.3457, 0.1678



1.0818, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 79.7020, 0.2857, 0.3246 looks on a white background.

Color Contrast Check

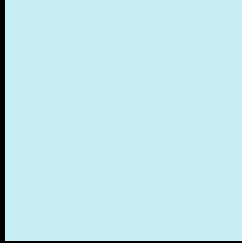
Large Text (above 18pt) WCAG AA × Fail

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 79.7020, 0.2857, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

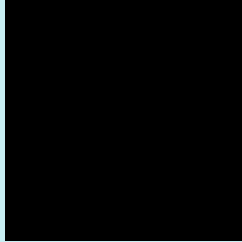
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

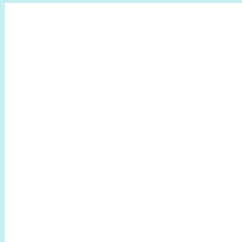
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7020, 0.2857, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 79.7020, 0.2857, 0.3246.

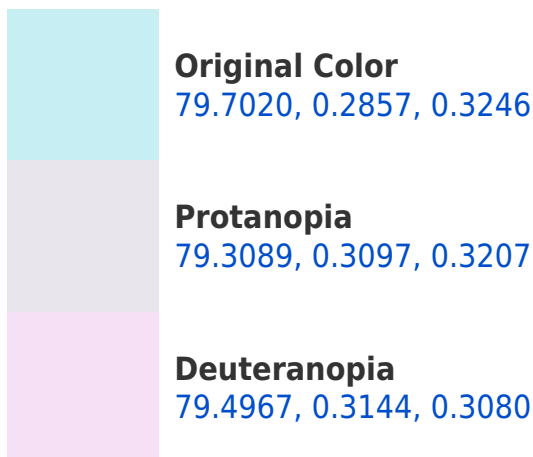


This preview shows how white text looks on a background with the Yxy color 79.7020, 0.2857, 0.3246.

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

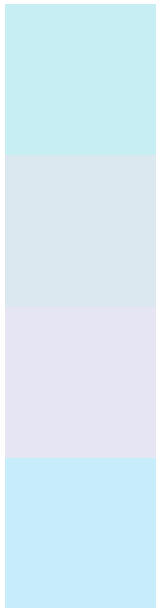




Tritanopia

79.6284, 0.2797, 0.3087

Trichromacy



Original Color

79.7020, 0.2857, 0.3246

Protanomaly

79.1609, 0.3004, 0.3216

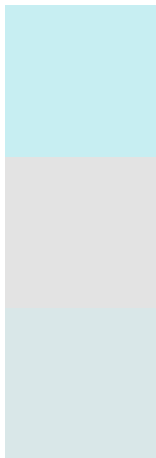
Deuteranomaly

79.2283, 0.3033, 0.3135

Tritanomaly

79.7499, 0.2818, 0.3150

Monochromacy



Original Color

79.7020, 0.2857, 0.3246

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.7297, 0.3027, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7020, 0.2857, 0.3246 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(199, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 238, 242)  
}
```

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(199, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 238, 242) }
```

Border

The CSS property to change the border of an element to Yxy 79.7020, 0.2857, 0.3246 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(199, 238, 242) }
```

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

```
.border{ border-color:rgb(199, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 238,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7020, 0.2857, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 238, 242) }
```

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

```
.background{ background-color: rgb(199,  
238, 242) }
```

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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