

Converting Colors

$Yxy(79.7743, 0.2951, 0.3322)$

Have a look what the booklet for
Yxy(79.7743, 0.2951, 0.3322)
contains.

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Color

Yxy(79.7743, 0.2951, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	CFEDEA
RGB	207, 237, 234
RGB Percent	81%, 93%, 92%
CMY	0.1883, 0.0706, 0.0824
CMYK	0.13, 0.00, 0.01, 0.07
HSL	174°, 45%, 87%
HSV	174°, 13%, 93%
XYZ	70.8651, 79.7743, 89.4999
YIQ	227.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

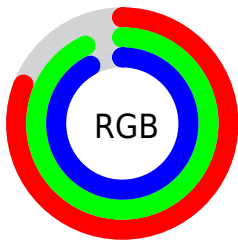
Format	Color
R_{YB}	207, 223, 237
Decimal	13626858
CIE _{Lab}	91.58, -10.34, -1.86
CIE _{LCh}	92, 10.502, 190.201
Yxy	79.7743, 0.2951, 0.3322
Android (android.graphics.Color)	4291816938 (0xFFCFEDEA)
YUV	227.6880, 3.1118, -18.1434
Hunter-Lab	89.3165, -14.6790, 3.1097

Details

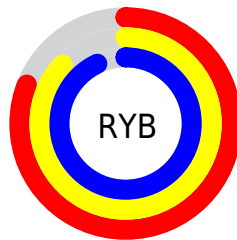
The Yxy color **79.7743, 0.2951, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.2820, 0.3335, 0.3258**, and the grayscale version is **77.3303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9375, 0.2910, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **76.4805, 0.2821, 0.3350**, and if you desaturate by 10%, it is **83.5889, 0.3089, 0.3296**.

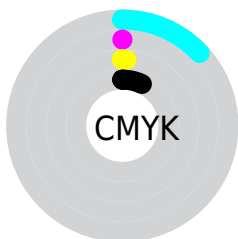
Distribution



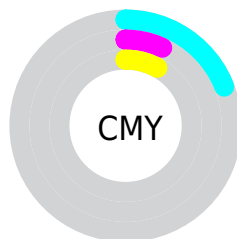
- Red (81%)
- Green (93%)
- Blue (92%)



- Red (81%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7743, 0.2951, 0.3322 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 79.7743, 0.2951, 0.3322 by changing the saturation by 10% instead.

■ 79.7743, 0.2951,
0.3322

■ 79.7743, 0.2951,
0.3322

494.1719, 0.3031,
0.3308

■ 59.5326, 0.2933,
0.3325

133.0484, 0.2978,
0.3317

■ 43.0420, 0.2911,
0.3329

166.8496, 0.2989,
0.3315

■ 29.9181, 0.2884,
0.3333

205.9394, 0.2999,
0.3314

■ 19.7764, 0.2848,
0.3339

250.7023, 0.3007,
0.3312

■ 12.2326, 0.2800,
0.3347

301.5225, 0.3014,
0.3311

■ 6.9023, 0.2733,
0.3357


358.7846, 0.3020,


■ 3.4011, 0.2630,

0.3310

422.8730, 0.3026,
0.3309


0.3372


 1.3445, 0.2457,
0.3395


 0.1753, 0.0000,
0.3533


 79.7743, 0.2951,
0.3322


 79.7743, 0.2951,
0.3322


 76.4805, 0.2821,
0.3350


 83.5889, 0.3089,
0.3296


 73.6749, 0.2701,
0.3380


 87.9358, 0.3233,
0.3273


 71.3363, 0.2596,
0.3412

 88.1917, 0.3222,
0.3250


 69.4380, 0.2506,
0.3445


 88.3349, 0.3207,
0.3227

 67.9509, 0.2435,
0.3479


 88.4800, 0.3192,
0.3204

 66.8421, 0.2383,
0.3514


 88.6269, 0.3177,
0.3181

 66.0737, 0.2351,
0.3549

 88.7758, 0.3162,
0.3158

 65.6001, 0.2337,
0.3584

 88.9265, 0.3147,
0.3136

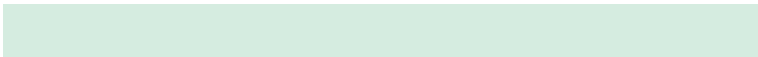
 65.3881, 0.2336,
0.3609

 89.0529, 0.3135,
0.3117

Harmonies

Analogous

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



79.7743, 0.3053, 0.3427



79.7743, 0.2951, 0.3322



79.7743, 0.2896, 0.3211

Triad

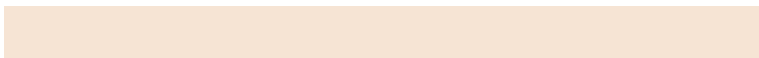
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7743, 0.2951, 0.3322



79.7743, 0.3074, 0.3097



79.7743, 0.3358, 0.3453

Complementary

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



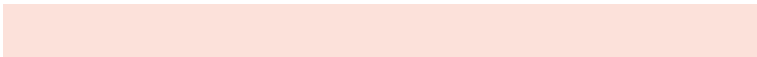
79.7743, 0.2951, 0.3322



67.2820, 0.3335, 0.3258

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.



79.7743, 0.3364, 0.3362



79.7743, 0.2951, 0.3322



79.7743, 0.3199, 0.3159

Square

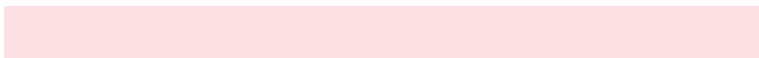
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7743, 0.2951, 0.3322



79.7743, 0.2966, 0.3083



79.7743, 0.3306, 0.3255



79.7743, 0.3288, 0.3502

Rectangle

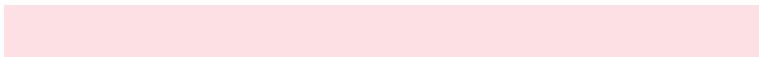
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



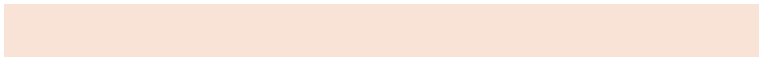
79.7743, 0.2951, 0.3322



79.7743, 0.2893, 0.3149



79.7743, 0.3306, 0.3255



79.7743, 0.3367, 0.3426

Sweetspot

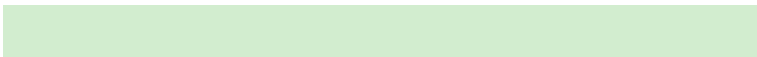
The Sweet Spot groups the original color and five complimentary colors.



79.7776, 0.2951, 0.3322



98.0508, 0.3070, 0.3300



78.8521, 0.3135, 0.3621



20.9109, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



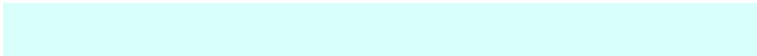
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7776, 0.2951, 0.3322



93.2086, 0.2919, 0.3329



73.5019, 0.2931, 0.3164



17.0943, 0.2995, 0.3314



35.7080, 0.2334, 0.3603



2.8115, 0.2321, 0.3555

Inverse Universe

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



67.2820, 0.3335, 0.3258



75.9555, 0.3382, 0.3252



72.9126, 0.3342, 0.3413



15.0786, 0.3277, 0.3267



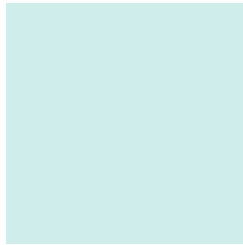
9.8740, 0.6282, 0.3235



0.7837, 0.6021, 0.3091

Previews

White Background



This preview shows how the Yxy color 79.7743, 0.2951, 0.3322 looks on a white background.

Color Contrast Check

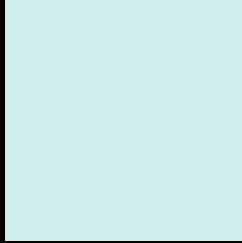
Large Text (above 18pt) WCAG AA × Fail

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 79.7743, 0.2951, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

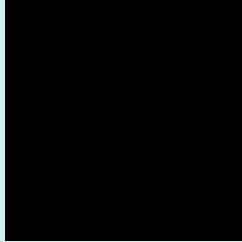
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

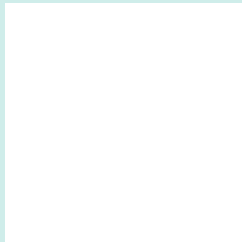
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7743, 0.2951, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 79.7743, 0.2951, 0.3322.

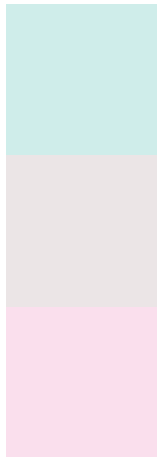


This preview shows how white text looks on a background with the Yxy color 79.7743, 0.2951, 0.3322.

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

79.7743, 0.2951, 0.3322

Protanopia

79.4140, 0.3162, 0.3280

Deuteranopia

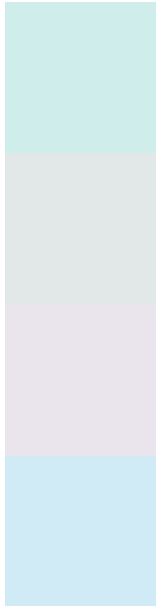
79.2138, 0.3225, 0.3150



Tritanopia

79.6391, 0.2860, 0.3089

Trichromacy



Original Color

79.7743, 0.2951, 0.3322

Protanomaly

79.4903, 0.3086, 0.3300

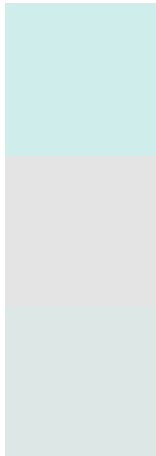
Deuteranomaly

79.0354, 0.3117, 0.3207

Tritanomaly

79.6258, 0.2894, 0.3172

Monochromacy



Original Color

79.7743, 0.2951, 0.3322

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.0806, 0.3059, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7743, 0.2951, 0.3322 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(207, 237, 234)` looks like.

```
.text, #text, p{  
    color:rgb(207, 237, 234)  
}
```

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(207, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 237, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.7743, 0.2951, 0.3322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

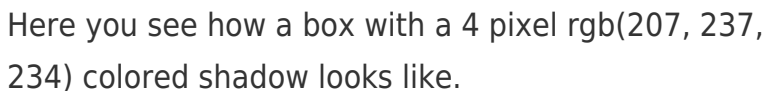
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 237, 234) }
```

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

```
.border{ border-color:rgb(207, 237, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 237, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 237, 234); box-shadow:4px 4px 4px 4px rgb(207, 237, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7743, 0.2951, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 237, 234) }
```

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

```
.background{ background-color: rgb(207,  
237, 234) }
```

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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