

Converting Colors

$Yxy(77.7899, 0.2711, 0.3255)$

Have a look what the booklet for
Yxy(77.7899, 0.2711, 0.3255)
contains.

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Color

Yxy(77.7899, 0.2711, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	AEF0F3
RGB	174, 240, 243
RGB Percent	68%, 94%, 95%
CMY	0.3178, 0.0588, 0.0470
CMYK	0.28, 0.01, 0.00, 0.05
HSL	183°, 74%, 82%
HSV	183°, 28%, 95%
XYZ	64.7891, 77.7899, 96.4069
YIQ	220.6080, -40.2990, -13.0590

Conversions

Conversions Part 2

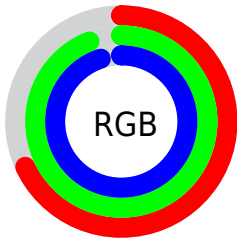
Format	Color
RYB	174, 208, 243
Decimal	11464947
CIELab	90.68, -19.81, -8.11
CIElCh	91, 21.402, 202.272
Yxy	77.7899, 0.2711, 0.3255
Android (android.graphics.Color)	4289655027 (0xFFAEF0F3)
YUV	220.6080, 11.0393, -40.8752
Hunter-Lab	88.1986, -23.2247, -3.0689

Details

The Yxy color **77.7899, 0.2711, 0.3255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.5463, 0.3746, 0.3325**, and the grayscale version is **71.9573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **41.7908, 0.2618, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **74.6291, 0.2586, 0.3241**, and if you desaturate by 10%, it is **81.4655, 0.2849, 0.3268**.

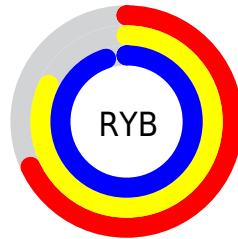
Distribution



Red (68%)

Green (94%)

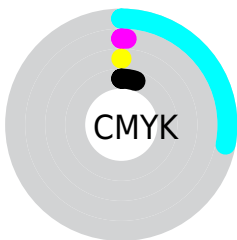
Blue (95%)



Red (68%)

Yellow (82%)

Blue (95%)

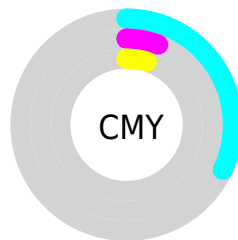


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (32%)


Magenta (6%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.7899, 0.2711, 0.3255 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 77.7899, 0.2711, 0.3255 by changing the saturation by 10% instead.

 77.7899, 0.2711,
0.3255

 77.7899, 0.2711,
0.3255


487.4530, 0.2899,
0.3274

 57.9014, 0.2669,
0.3250


 130.2539, 0.2775,
0.3262

 41.7294, 0.2618,
0.3243


163.5982, 0.2801,
0.3265

 28.8895, 0.2554,
0.3235


202.1966, 0.2822,
0.3267

 18.9972, 0.2472,
0.3223

246.4334, 0.2842,
0.3269

 11.6683, 0.2363,
0.3204

296.6930, 0.2858,
0.3270

 6.5182, 0.2212,
0.3176

353.3599, 0.2873,

 3.1627, 0.1988,

0.3272

0.3125

416.8184, 0.2887,
0.3273

1.2172, 0.1596,
0.3032

0.0757, 0.0000,
0.1044

77.7899, 0.2711,
0.3255

77.7899, 0.2711,
0.3255

74.6291, 0.2586,
0.3241

81.4655, 0.2849,
0.3268

71.9463, 0.2477,
0.3227

85.6717, 0.2997,
0.3280

69.7151, 0.2386,
0.3212

90.4351, 0.3152,
0.3292

67.9021, 0.2314,
0.3197

92.5804, 0.3205,
0.3302

■ 66.4696, 0.2262,
0.3182

■ 93.2201, 0.3204,
0.3312

■ 65.3731, 0.2229,
0.3168

■ 93.8634, 0.3203,
0.3323

■ 64.5491, 0.2211,
0.3154

■ 94.5104, 0.3202,
0.3333

■ 64.4295, 0.2209,
0.3151

■ 95.1611, 0.3201,
0.3343

■ 95.8154, 0.3201,
0.3353

Harmonies

Analogous

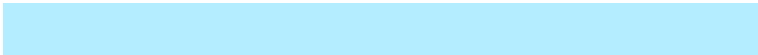
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7899, 0.2881, 0.3492



77.7899, 0.2711, 0.3255



77.7899, 0.2649, 0.3040

Triad

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



77.7899, 0.2711, 0.3255



77.7899, 0.3118, 0.2943



77.7899, 0.3557, 0.3673

Complementary

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



77.7899, 0.2711, 0.3255



53.5463, 0.3746, 0.3325

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.



77.7899, 0.3629, 0.3510



77.7899, 0.2711, 0.3255



77.7899, 0.3370, 0.3097

Square

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



77.7899, 0.2711, 0.3255



77.7899, 0.2877, 0.2872



77.7899, 0.3560, 0.3301



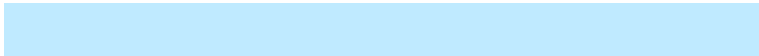
77.7899, 0.3369, 0.3739

Rectangle

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



77.7899, 0.2711, 0.3255



77.7899, 0.2676, 0.2939



77.7899, 0.3560, 0.3301



77.7899, 0.3596, 0.3627

Sweetspot

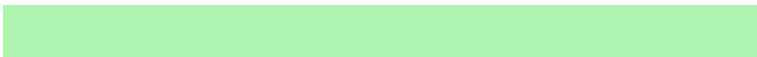
The Sweet Spot groups the original color and five complimentary colors.



77.7930, 0.2711, 0.3255



95.2681, 0.2988, 0.3280



76.2517, 0.3076, 0.4088



20.2378, 0.2966, 0.3278



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.



77.7930, 0.2711, 0.3255



84.7121, 0.2638, 0.3247



59.7011, 0.2669, 0.2859



18.6267, 0.2981, 0.3279



35.4092, 0.2209, 0.3154



3.1498, 0.2214, 0.3172

Inverse Universe

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



55.6086, 0.3184, 0.2610



56.3553, 0.3196, 0.2476



68.5985, 0.3645, 0.3685



16.7551, 0.3145, 0.3067



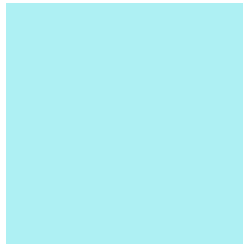
13.6740, 0.3321, 0.1603



1.2056, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 77.7899, 0.2711, 0.3255 looks on a white background.

Color Contrast Check

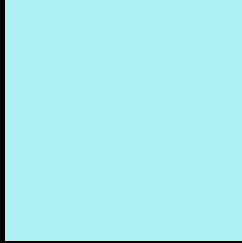
Large Text (above 18pt) WCAG AA × Fail

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 77.7899, 0.2711, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

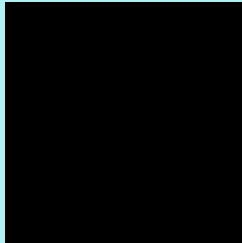
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

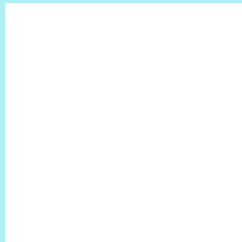
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.7899, 0.2711, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 77.7899, 0.2711, 0.3255.

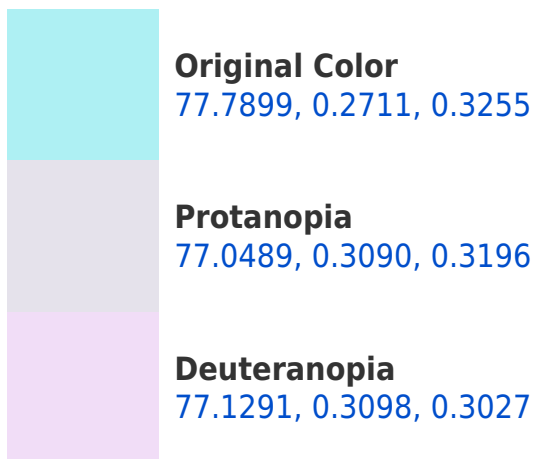


This preview shows how white text looks on a background with the Yxy color 77.7899, 0.2711, 0.3255.

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

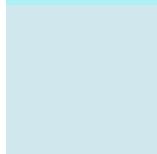
77.6121, 0.2684, 0.3092

Trichromacy



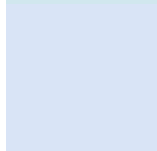
Original Color

77.7899, 0.2711, 0.3255



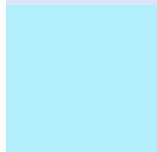
Protanomaly

76.8802, 0.2939, 0.3214



Deuteranomaly

76.8923, 0.2942, 0.3100



Tritanomaly

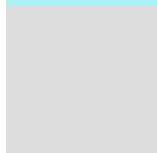
77.5791, 0.2690, 0.3145

Monochromacy



Original Color

77.7899, 0.2711, 0.3255



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

73.9813, 0.2960, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7899, 0.2711, 0.3255 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(174, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(174, 240, 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(174, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 240, 243) }
```

Border

The CSS property to change the border of an element to Yxy 77.7899, 0.2711, 0.3255 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(174, 240, 243) }
```

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

```
.border{ border-color:rgb(174, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(174, 240,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7899, 0.2711, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 240, 243) }
```

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

```
.background{ background-color: rgb(174,  
240, 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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