

Converting Colors

$Yxy(80.6536, 0.2787, 0.3137)$

Have a look what the booklet for
Yxy(80.6536, 0.2787, 0.3137)
contains.

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Color

Yxy(80.6952, 0.2786, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	C5EFFD
RGB	197, 239, 253
RGB Percent	77%, 94%, 99%
CMY	0.2276, 0.0627, 0.0077
CMYK	0.22, 0.06, 0.00, 0.01
HSL	195°, 93%, 88%
HSV	195°, 22%, 99%
XYZ	71.6205, 80.6952, 104.7572
YIQ	228.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

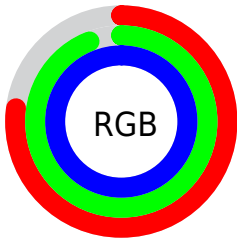
Format	Color
R _Y B	197, 221, 253
Decimal	12972029
CIE Lab	92.00, -10.51, -11.24
CIE LCh	92, 15.388, 226.931
Yxy	80.6952, 0.2786, 0.3139
Android (android.graphics.Color)	4291162109 (0xFFC5E9FD)
YUV	228.0380, 12.3063, -27.2203
Hunter-Lab	89.8305, -14.8880, -6.2606

Details

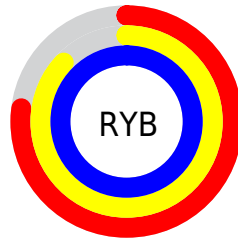
The Yxy color **80.6952, 0.2786, 0.3139** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.5075, 0.3550, 0.3436**, and the grayscale version is **77.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **43.6033, 0.2712, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **73.9226, 0.2639, 0.3061**, and if you desaturate by 10%, it is **88.1775, 0.2939, 0.3211**.

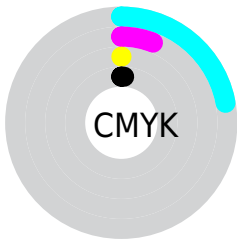
Distribution



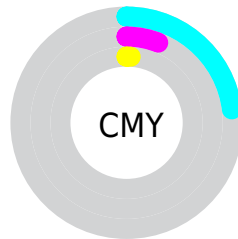
- Red (77%)
- Green (94%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.6952, 0.2786, 0.3139 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 80.6952, 0.2786, 0.3139 by changing the saturation by 10% instead.

80.6952, 0.2786,
0.3139

80.6952, 0.2786,
0.3139

497.2726, 0.2939,
0.3209

60.2906, 0.2752,
0.3123

134.3427, 0.2838,
0.3164

43.6529, 0.2711,
0.3103

168.3544, 0.2859,
0.3173

30.3977, 0.2659,
0.3077

207.6706, 0.2877,
0.3181

20.1407, 0.2593,
0.3044

252.6757, 0.2892,
0.3188

12.4973, 0.2506,
0.2999

303.7540, 0.2906,
0.3195

7.0833, 0.2385,
0.2934

361.2900, 0.2918,

3.5143, 0.2207,

0.3200

0.2833

425.6681, 0.2929,
0.3205

1.4058, 0.1921,
0.2657

0.2210, 0.0000,
0.1769

80.6952, 0.2786,
0.3139

80.6952, 0.2786,
0.3139

73.9226, 0.2639,
0.3061

88.1775, 0.2939,
0.3211

67.8198, 0.2500,
0.2977

96.3876, 0.3094,
0.3277

62.3579, 0.2373,
0.2889

99.8741, 0.3138,
0.3309

57.5013, 0.2262,
0.2797

■ 53.2102, 0.2168,
0.2703

■ 49.4391, 0.2095,
0.2608

■ 46.1333, 0.2042,
0.2514

■ 43.8021, 0.2012,
0.2442

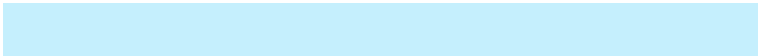
Harmonies

Analogous

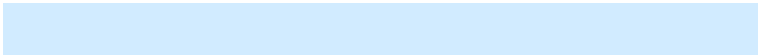
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6952, 0.2846, 0.3298



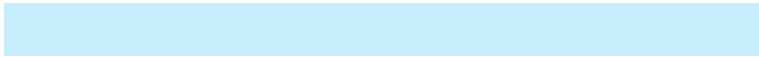
80.6952, 0.2786, 0.3139



80.6952, 0.2814, 0.3028

Triad

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



80.6952, 0.2786, 0.3139



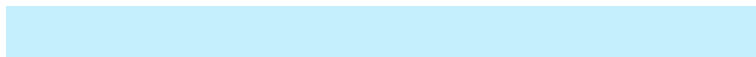
80.6952, 0.3270, 0.3129



80.6952, 0.3329, 0.3605

Complementary

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



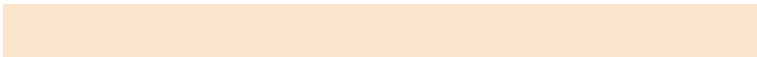
80.6952, 0.2786, 0.3139



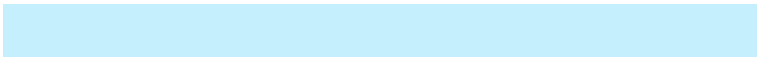
71.5075, 0.3550, 0.3436

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.



80.6952, 0.3449, 0.3548



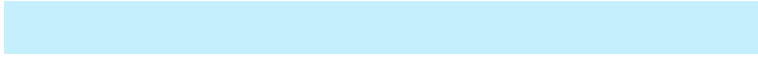
80.6952, 0.2786, 0.3139



80.6952, 0.3415, 0.3273

Square

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



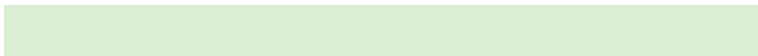
80.6952, 0.2786, 0.3139



80.6952, 0.3089, 0.3026



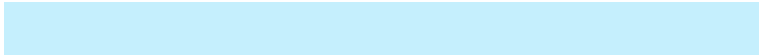
80.6952, 0.3481, 0.3425



80.6952, 0.3157, 0.3574

Rectangle

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



80.6952, 0.2786, 0.3139



80.6952, 0.2879, 0.2993



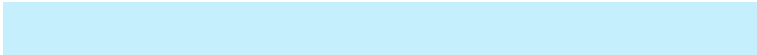
80.6952, 0.3481, 0.3425



80.6952, 0.3377, 0.3595

Sweetspot

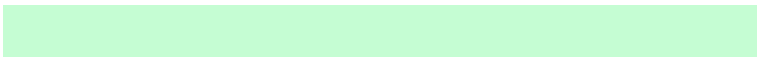
The Sweet Spot groups the original color and five complimentary colors.



80.6985, 0.2786, 0.3139



93.9539, 0.3019, 0.3246



86.8418, 0.3021, 0.3752



20.0022, 0.3009, 0.3242



0.0000, 0.0000, 0.0000



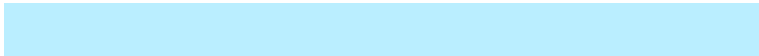
21.4041, 0.3127, 0.3290

Same Dimension

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



80.6985, 0.2786, 0.3139



78.6952, 0.2714, 0.3102



65.5435, 0.2763, 0.2827



19.6664, 0.2980, 0.3229



23.5376, 0.2016, 0.2457



2.4649, 0.2045, 0.2563

Inverse Universe

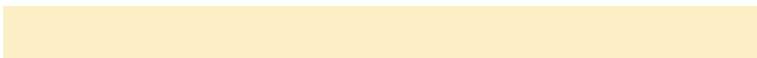
The Inverse Universe completely reimagines the original color for something new.



67.0419, 0.3255, 0.2869



62.6008, 0.3289, 0.2773



86.6635, 0.3491, 0.3714



18.2181, 0.3177, 0.3113



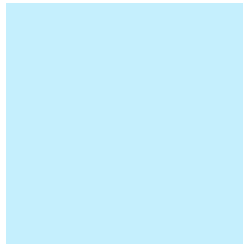
13.1041, 0.3966, 0.1958



1.2934, 0.3860, 0.1900

Previews

White Background



This preview shows how the Yxy color 80.6952, 0.2786, 0.3139 looks on a white background.

Color Contrast Check

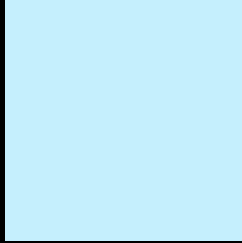
Large Text (above 18pt) WCAG AA × Fail

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 80.6952, 0.2786, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

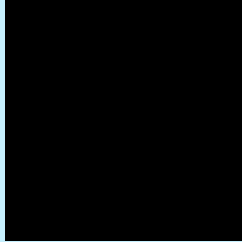
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.6952, 0.2786, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 80.6952, 0.2786, 0.3139.



This preview shows how white text looks on a background with the Yxy color 80.6952, 0.2786, 0.3139.

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

80.6952, 0.2786, 0.3139

Protanopia

80.3599, 0.3022, 0.3106

Deuteranopia

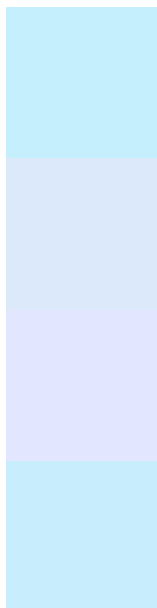
79.9477, 0.3053, 0.2991



Tritanopia

80.7866, 0.2798, 0.3109

Trichromacy



Original Color

80.6952, 0.2786, 0.3139

Protanomaly

80.2400, 0.2933, 0.3113

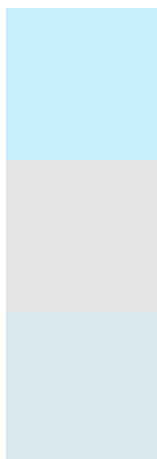
Deuteranomaly

79.9181, 0.2953, 0.3044

Tritanomaly

80.5842, 0.2798, 0.3119

Monochromacy



Original Color

80.6952, 0.2786, 0.3139

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.5794, 0.2997, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6952, 0.2786, 0.3139 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(197, 239, 253)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 253)  
}
```

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(197, 239, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 253) }
```

Border

The CSS property to change the border of an element to Yxy 80.6952, 0.2786, 0.3139 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(197, 239, 253) }
```

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

```
.border{ border-color:rgb(197, 239, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 239, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(197, 239,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6952, 0.2786, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 253) }
```

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

```
.background{ background-color: rgb(197,  
239, 253) }
```

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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