

Converting Colors

$Yxy(80.1601, 0.2772, 0.3184)$

Have a look what the booklet for
Yxy(80.1601, 0.2772, 0.3184)
contains.

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Color

Yxy(80.2361, 0.2774, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	BFF0F9
RGB	191, 240, 249
RGB Percent	75%, 94%, 98%
CMY	0.2509, 0.0588, 0.0234
CMYK	0.23, 0.04, 0.00, 0.02
HSL	189°, 83%, 86%
HSV	189°, 23%, 98%
XYZ	69.7508, 80.2361, 101.4581
YIQ	226.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

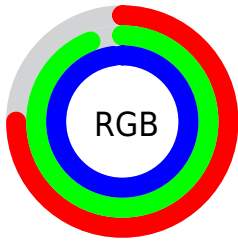
Format	Color
R _Y B	191, 218, 249
Decimal	12579065
CIE Lab	91.79, -13.62, -9.50
CIE LCh	92, 16.604, 214.901
Yxy	80.2361, 0.2774, 0.3191
Android (android.graphics.Color)	4290769145 (0xFFBFF0F9)
YUV	226.3750, 11.1541, -31.0239
Hunter-Lab	89.5746, -17.7594, -4.4535

Details

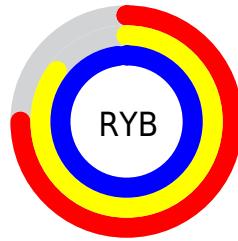
The Yxy color **80.2361, 0.2774, 0.3191** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.2385, 0.3590, 0.3387**, and the grayscale version is **76.2787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **43.3655, 0.2692, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **75.0216, 0.2634, 0.3143**, and if you desaturate by 10%, it is **86.0549, 0.2922, 0.3236**.

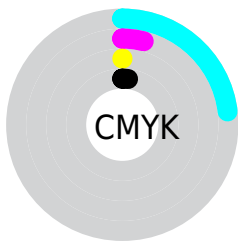
Distribution



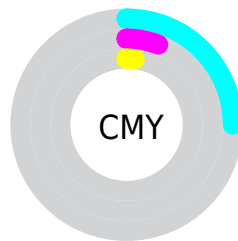
- Red (75%)
- Green (94%)
- Blue (98%)



- Red (75%)
- Yellow (85%)
- Blue (98%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (25%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.2361, 0.2774, 0.3191 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 80.2361, 0.2774, 0.3191 by changing the saturation by 10% instead.

80.2361, 0.2774,
0.3191

80.2361, 0.2774,
0.3191

495.7282, 0.2933,
0.3238

59.9127, 0.2739,
0.3180

133.6976, 0.2828,
0.3208

43.3482, 0.2696,
0.3166

167.6045, 0.2850,
0.3214

30.1584, 0.2642,
0.3148

206.8080, 0.2868,
0.3220

19.9589, 0.2574,
0.3125

251.6924, 0.2884,
0.3224

12.3652, 0.2483,
0.3092

302.6423, 0.2898,
0.3228

6.9929, 0.2357,
0.3044

360.0419, 0.2911,

3.4576, 0.2171,

0.3232

0.2968

424.2758, 0.2923,
0.3235

■ 1.3751, 0.1872,
0.2829

■ 0.1982, 0.0000,
0.1838

■ 80.2361, 0.2774,
0.3191

■ 80.2361, 0.2774,
0.3191

■ 75.0216, 0.2634,
0.3143

■ 86.0549, 0.2922,
0.3236

■ 70.3734, 0.2506,
0.3091

■ 92.4942, 0.3076,
0.3277

■ 66.2645, 0.2393,
0.3038

■ 97.4906, 0.3164,
0.3315

■ 62.6611, 0.2296,
0.2982

■ 99.6215, 0.3162,
0.3347

■ 59.5257, 0.2219,
0.2926

■ 56.8146, 0.2161,
0.2870

■ 54.4749, 0.2123,
0.2814

■ 53.0627, 0.2105,
0.2777

Harmonies

Analogous

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



80.2361, 0.2874, 0.3371



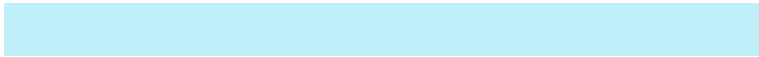
80.2361, 0.2774, 0.3191



80.2361, 0.2765, 0.3046

Triad

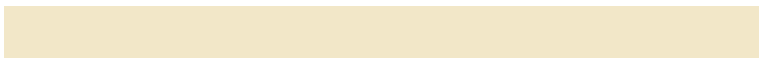
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2361, 0.2774, 0.3191



80.2361, 0.3205, 0.3065



80.2361, 0.3406, 0.3617

Complementary

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



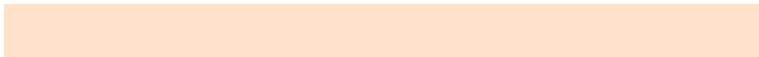
80.2361, 0.2774, 0.3191



65.2385, 0.3590, 0.3387

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.



80.2361, 0.3502, 0.3521



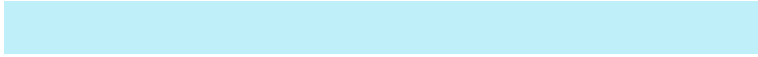
80.2361, 0.2774, 0.3191



80.2361, 0.3384, 0.3205

Square

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



80.2361, 0.2774, 0.3191



80.2361, 0.3009, 0.2980



80.2361, 0.3494, 0.3371



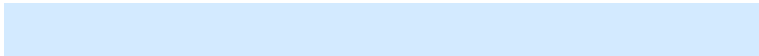
80.2361, 0.3237, 0.3623

Rectangle

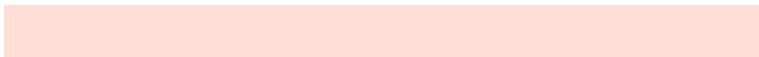
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



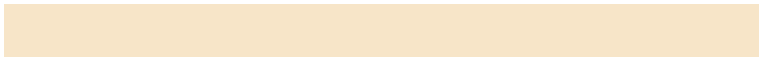
80.2361, 0.2774, 0.3191



80.2361, 0.2812, 0.2987



80.2361, 0.3494, 0.3371



80.2361, 0.3448, 0.3594

Sweetspot

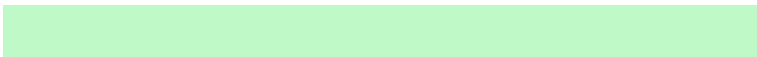
The Sweet Spot groups the original color and five complimentary colors.



80.2394, 0.2774, 0.3191



95.0100, 0.3018, 0.3262



83.0062, 0.3048, 0.3846



20.2473, 0.3009, 0.3260



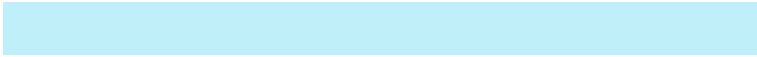
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.2394, 0.2774, 0.3191



81.9922, 0.2707, 0.3169



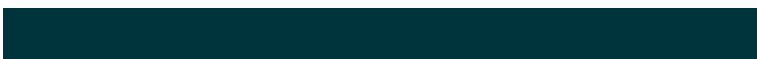
64.6679, 0.2748, 0.2868



19.1211, 0.2980, 0.3252



28.5678, 0.2107, 0.2786



2.7658, 0.2126, 0.2853

Inverse Universe

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



63.7049, 0.3221, 0.2794



61.8996, 0.3244, 0.2691



79.7949, 0.3524, 0.3679



17.4754, 0.3162, 0.3092



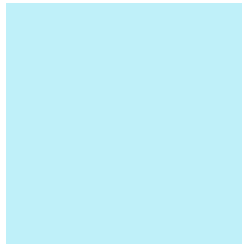
13.2948, 0.3647, 0.1783



1.2434, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 80.2361, 0.2774, 0.3191 looks on a white background.

Color Contrast Check

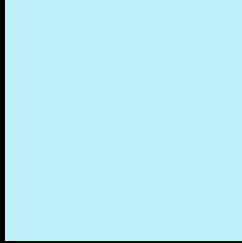
Large Text (above 18pt) WCAG AA × Fail

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 80.2361, 0.2774, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

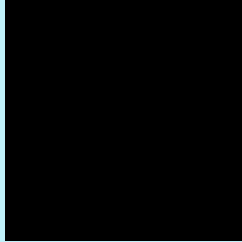
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.2361, 0.2774, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 80.2361, 0.2774, 0.3191.

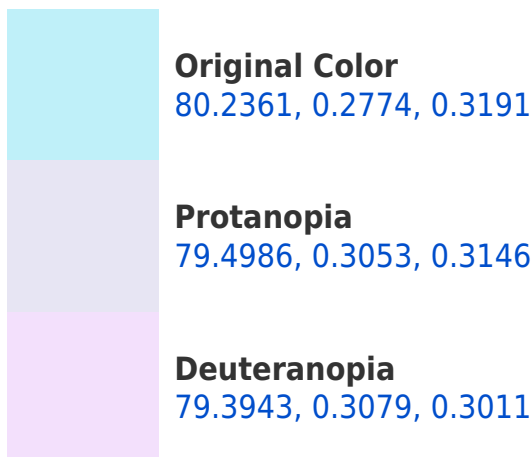


This preview shows how white text looks on a background with the Yxy color 80.2361, 0.2774, 0.3191.

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

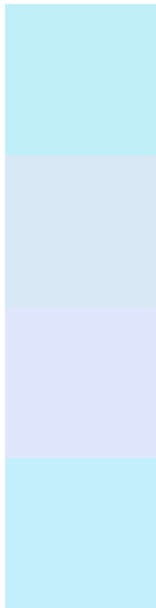




Tritanopia

80.2394, 0.2775, 0.3108

Trichromacy



Original Color

80.2361, 0.2774, 0.3191

Protanomaly

79.4693, 0.2943, 0.3163

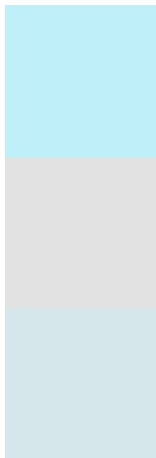
Deuteranomaly

79.4060, 0.2958, 0.3073

Tritanomaly

80.4270, 0.2775, 0.3139

Monochromacy



Original Color

80.2361, 0.2774, 0.3191

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.2385, 0.2989, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2361, 0.2774, 0.3191 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(191, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(191, 240, 249)  
}
```

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(191, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 240, 249) }
```

Border

The CSS property to change the border of an element to Yxy 80.2361, 0.2774, 0.3191 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(191, 240, 249) }
```

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

```
.border{ border-color:rgb(191, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(191, 240,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2361, 0.2774, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 240, 249) }
```

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

```
.background{ background-color: rgb(191,  
240, 249) }
```

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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