

Converting Colors

$Yxy(76.4358, 0.2759, 0.3138)$

Have a look what the booklet for
Yxy(76.4358, 0.2759, 0.3138)
contains.

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Color

Yxy(76.3143, 0.2757, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	BCEAF8
RGB	188, 234, 248
RGB Percent	74%, 92%, 97%
CMY	0.2626, 0.0824, 0.0274
CMYK	0.24, 0.06, 0.00, 0.03
HSL	194°, 81%, 85%
HSV	194°, 24%, 97%
XYZ	67.1128, 76.3143, 99.9997
YIQ	221.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

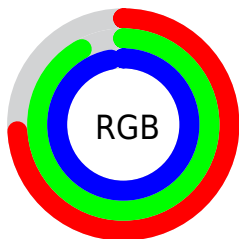
Format	Color
R _Y B	188, 214, 248
Decimal	12380920
CIE Lab	90.01, -11.68, -11.64
CIE LCh	90, 16.489, 224.897
Yxy	76.3143, 0.2757, 0.3135
Android (android.graphics.Color)	4290571000 (0xFFBCEAF8)
YUV	221.8420, 12.8959, -29.6794
Hunter-Lab	87.3581, -15.7441, -6.7193

Details

The Yxy color **76.3143, 0.2757, 0.3135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8545, 0.3600, 0.3440**, and the grayscale version is **72.8611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **40.6331, 0.2668, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **70.1877, 0.2612, 0.3061**, and if you desaturate by 10%, it is **83.0962, 0.2908, 0.3203**.

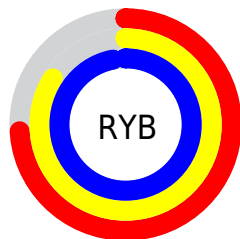
Distribution



Red (74%)

Green (92%)

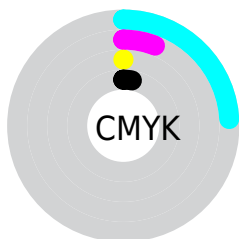
Blue (97%)



Red (74%)

Yellow (84%)

Blue (97%)

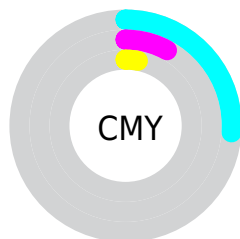


Cyan (24%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (8%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3143, 0.2757, 0.3135 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 76.3143, 0.2757, 0.3135 by changing the saturation by 10% instead.

■ 76.3143, 0.2757,
0.3135

■ 76.3143, 0.2757,
0.3135

■ 482.4229, 0.2925,
0.3208

■ 56.6903, 0.2720,
0.3118

■ 128.1711, 0.2814,
0.3161

■ 40.7566, 0.2674,
0.3097

■ 161.1726, 0.2837,
0.3171

■ 28.1290, 0.2616,
0.3069

■ 199.4021, 0.2857,
0.3179

■ 18.4229, 0.2543,
0.3034

■ 243.2440, 0.2874,
0.3187

■ 11.2540, 0.2444,
0.2984

■ 293.0826, 0.2889,
0.3193

■ 6.2380, 0.2307,
0.2912

■ 349.3024, 0.2902,

■ 2.9903, 0.2102,

0.3199

0.2797

412.2877, 0.2914,
0.3204

■ 1.1267, 0.1766,
0.2593

■ 0.0006, 0.0000,
0.0007

■ 76.3143, 0.2757,
0.3135

■ 76.3143, 0.2757,
0.3135

■ 70.1877, 0.2612,
0.3061

■ 83.0962, 0.2908,
0.3203

■ 64.6784, 0.2477,
0.2982

■ 90.5508, 0.3062,
0.3266

■ 59.7584, 0.2356,
0.2900

■ 97.2666, 0.3170,
0.3322

■ 55.3934, 0.2250,
0.2814

■ 99.5574, 0.3168,
0.3357

■ 51.5449, 0.2163,
0.2727

■ 48.1684, 0.2097,
0.2639

■ 45.2096, 0.2049,
0.2552

■ 43.6334, 0.2029,
0.2502

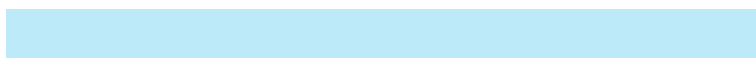
Harmonies

Analogous

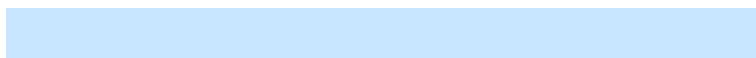
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3143, 0.2829, 0.3310



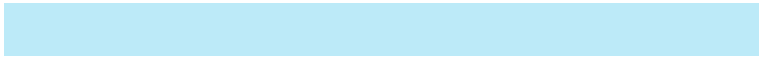
76.3143, 0.2757, 0.3135



76.3143, 0.2781, 0.3010

Triad

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



76.3143, 0.2757, 0.3135



76.3143, 0.3270, 0.3105



76.3143, 0.3358, 0.3633

Complementary

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



76.3143, 0.2757, 0.3135



65.8545, 0.3600, 0.3440

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.



76.3143, 0.3484, 0.3564



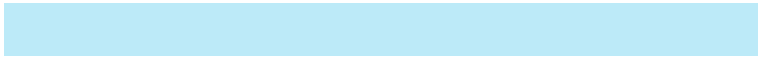
76.3143, 0.2757, 0.3135



76.3143, 0.3433, 0.3259

Square

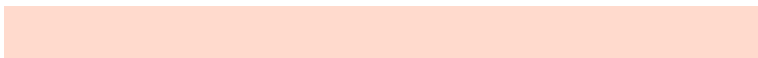
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3143, 0.2757, 0.3135



76.3143, 0.3072, 0.2997



76.3143, 0.3512, 0.3426



76.3143, 0.3173, 0.3606

Rectangle

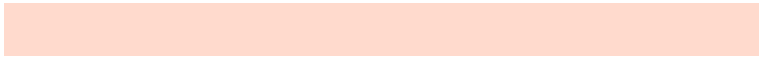
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



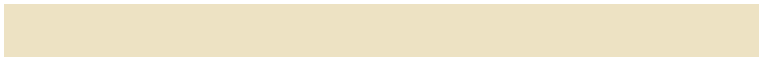
76.3143, 0.2757, 0.3135



76.3143, 0.2847, 0.2968



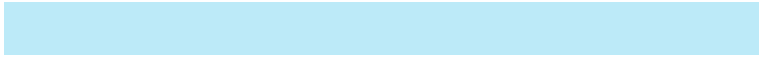
76.3143, 0.3512, 0.3426



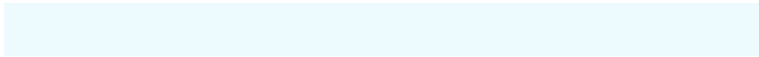
76.3143, 0.3409, 0.3620

Sweetspot

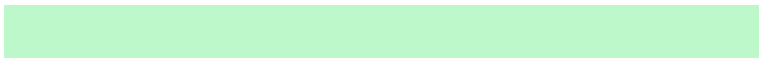
The Sweet Spot groups the original color and five complimentary colors.



76.3174, 0.2757, 0.3135



94.1386, 0.3019, 0.3249



82.0986, 0.3017, 0.3811



20.0450, 0.3009, 0.3245



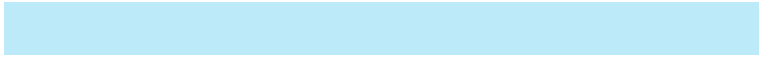
0.0000, 0.0000, 0.0000



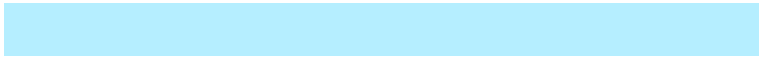
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3174, 0.2757, 0.3135



78.0388, 0.2686, 0.3100



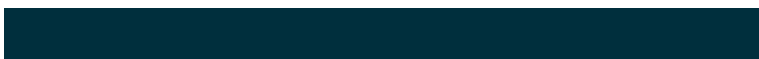
60.6760, 0.2728, 0.2791



18.8808, 0.2980, 0.3233



23.7956, 0.2032, 0.2516



2.3644, 0.2061, 0.2619

Inverse Universe

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



61.8825, 0.3261, 0.2820



60.4850, 0.3294, 0.2723



81.3100, 0.3529, 0.3743



17.4511, 0.3174, 0.3110



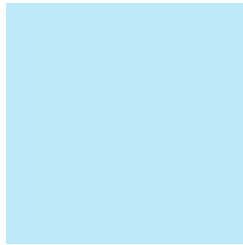
12.8131, 0.3906, 0.1926



1.2029, 0.3805, 0.1870

Previews

White Background



This preview shows how the Yxy color 76.3143, 0.2757, 0.3135 looks on a white background.

Color Contrast Check

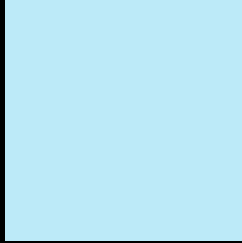
Large Text (above 18pt) WCAG AA × Fail

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 76.3143, 0.2757, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

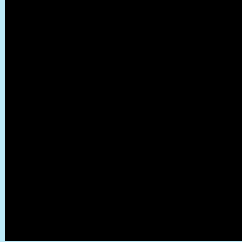
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3143, 0.2757, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 76.3143, 0.2757, 0.3135.

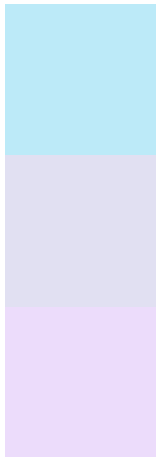


This preview shows how white text looks on a background with the Yxy color 76.3143, 0.2757, 0.3135.

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

76.3143, 0.2757, 0.3135

Protanopia

75.7297, 0.3019, 0.3101

Deuteranopia

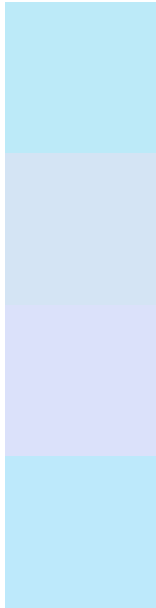
75.9843, 0.3038, 0.2975



Tritanopia

76.1249, 0.2740, 0.3081

Trichromacy



Original Color

76.3143, 0.2757, 0.3135

Protanomaly

76.0155, 0.2922, 0.3119

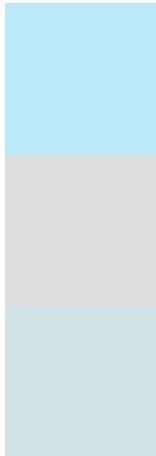
Deuteranomaly

75.8126, 0.2931, 0.3027

Tritanomaly

76.0617, 0.2746, 0.3092

Monochromacy



Original Color

76.3143, 0.2757, 0.3135

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.8639, 0.2987, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3143, 0.2757, 0.3135 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(188, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(188, 234, 248)  
}
```

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(188, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 234, 248) }
```

Border

The CSS property to change the border of an element to Yxy 76.3143, 0.2757, 0.3135 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(188, 234, 248) }
```

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

```
.border{ border-color:rgb(188, 234, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 234, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(188, 234,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3143, 0.2757, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 234, 248) }
```

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

```
.background{ background-color: rgb(188,  
234, 248) }
```

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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