

Converting Colors

$Yxy(78.8270, 0.2689, 0.2941)$

Have a look what the booklet for
Yxy(78.8270, 0.2689, 0.2941)
contains.

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Color

Yxy(78.1060, 0.2755, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBFF
RGB	194, 235, 255
RGB Percent	76%, 92%, 100%
CMY	0.2393, 0.0784, 0.0001
CMYK	0.24, 0.08, 0.00, 0.00
HSL	200°, 100%, 88%
HSV	200°, 24%, 100%
XYZ	70.0007, 78.1060, 105.9792
YIQ	225.0210, -30.8560, -2.4720

Conversions

Conversions Part 2

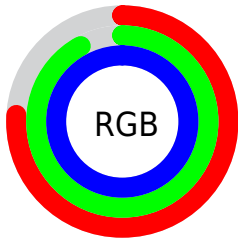
Format	Color
RYB	194, 219, 255
Decimal	12774399
CIELab	90.83, -8.93, -14.02
CIELCh	91, 16.623, 237.499
Yxy	78.1060, 0.2755, 0.3074
Android (android.graphics.Color)	4290964479 (0xFFC2EBFF)
YUV	225.0210, 14.7796, -27.2054
Hunter-Lab	88.3776, -13.2775, -9.2341

Details

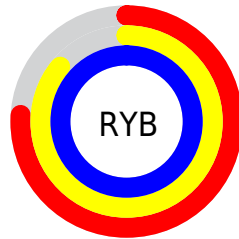
The Yxy color **78.1060, 0.2755, 0.3074** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2228, 0.3581, 0.3496**, and the grayscale version is **75.2187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **41.8064, 0.2672, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **70.3507, 0.2603, 0.2969**, and if you desaturate by 10%, it is **86.6708, 0.2911, 0.3171**.

Distribution



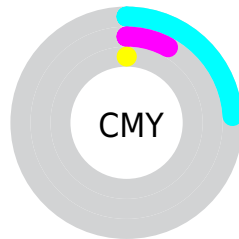
- Red (76%)
- Green (92%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.1060, 0.2755, 0.3074 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 78.1060, 0.2755, 0.3074 by changing the saturation by 10% instead.

■ 78.1060, 0.2755,
0.3074

■ 78.1060, 0.2755,
0.3074

■ 488.5267, 0.2923,
0.3174

■ 58.1611, 0.2718,
0.3051

■ 130.6995, 0.2812,
0.3109

■ 41.9381, 0.2672,
0.3023

■ 164.1169, 0.2835,
0.3122

■ 29.0529, 0.2615,
0.2987

■ 202.7939, 0.2855,
0.3134

■ 19.1208, 0.2542,
0.2940

■ 247.1149, 0.2872,
0.3144

■ 11.7576, 0.2446,
0.2876

■ 297.4643, 0.2887,
0.3153

■ 6.5788, 0.2311,
0.2786

■ 354.2265, 0.2900,

■ 3.2001, 0.2114,

0.3161

0.2646

417.7858, 0.2912,
0.3168

1.2371, 0.1797,
0.2406

0.0917, 0.0000,
0.0779

78.1060, 0.2755,
0.3074

78.1060, 0.2755,
0.3074

70.3507, 0.2603,
0.2969

86.6708, 0.2911,
0.3171

63.3629, 0.2458,
0.2856

96.0660, 0.3066,
0.3258

57.1104, 0.2324,
0.2737

99.9989, 0.3127,
0.3290

51.5546, 0.2204,
0.2613

■ 46.6523, 0.2103,
0.2486

■ 42.3538, 0.2022,
0.2359

■ 38.5990, 0.1962,
0.2234

■ 36.5322, 0.1933,
0.2160

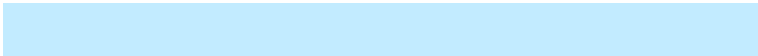
Harmonies

Analogous

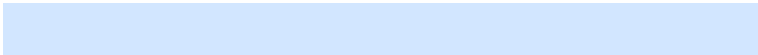
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1060, 0.2787, 0.3233



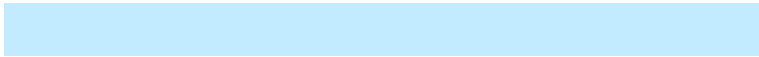
78.1060, 0.2755, 0.3074



78.1060, 0.2818, 0.2979

Triad

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



78.1060, 0.2755, 0.3074



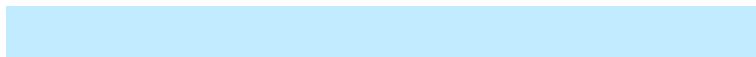
78.1060, 0.3346, 0.3166



78.1060, 0.3285, 0.3634

Complementary

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



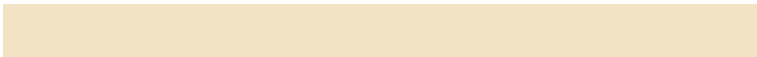
78.1060, 0.2755, 0.3074



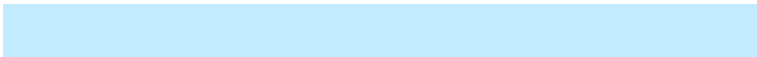
73.2228, 0.3581, 0.3496

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.



78.1060, 0.3441, 0.3604



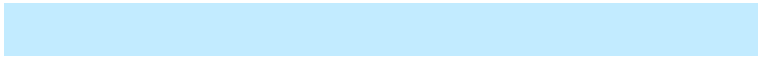
78.1060, 0.2755, 0.3074



78.1060, 0.3479, 0.3330

Square

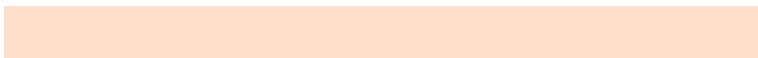
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



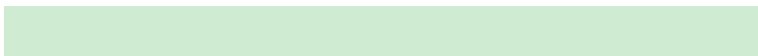
78.1060, 0.2755, 0.3074



78.1060, 0.3156, 0.3035



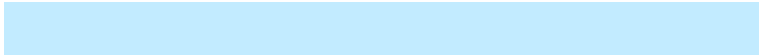
78.1060, 0.3514, 0.3490



78.1060, 0.3089, 0.3566

Rectangle

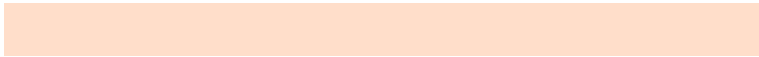
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1060, 0.2755, 0.3074



78.1060, 0.2907, 0.2962



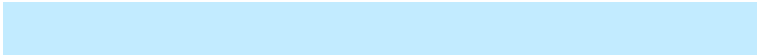
78.1060, 0.3514, 0.3490



78.1060, 0.3344, 0.3635

Sweetspot

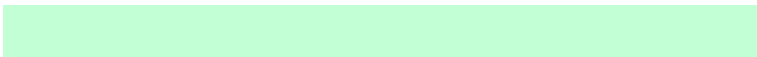
The Sweet Spot groups the original color and five complimentary colors.



78.1092, 0.2755, 0.3074



93.0978, 0.3019, 0.3232



87.7963, 0.2990, 0.3748



19.8036, 0.3009, 0.3227



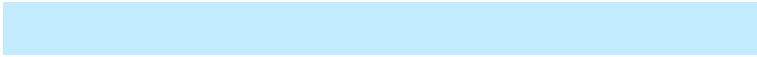
0.0000, 0.0000, 0.0000



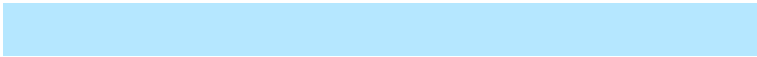
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1092, 0.2755, 0.3074



74.0823, 0.2677, 0.3022



62.4292, 0.2727, 0.2739



19.4201, 0.2980, 0.3210



19.3757, 0.1939, 0.2180



2.0861, 0.1978, 0.2322

Inverse Universe

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



65.8324, 0.3302, 0.2879



60.0856, 0.3349, 0.2788



89.7326, 0.3514, 0.3787



18.1933, 0.3188, 0.3131



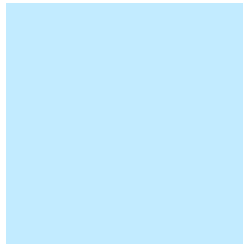
12.6840, 0.4254, 0.2117



1.2551, 0.4104, 0.2034

Previews

White Background



This preview shows how the Yxy color 78.1060, 0.2755, 0.3074 looks on a white background.

Color Contrast Check

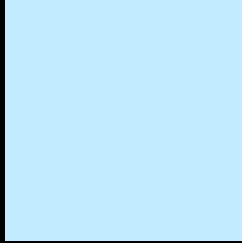
Large Text (above 18pt) WCAG AA × Fail

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 78.1060, 0.2755, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

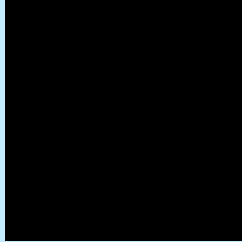
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

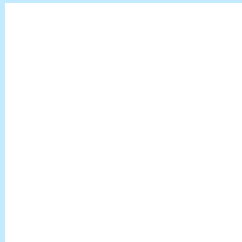
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1060, 0.2755, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 78.1060, 0.2755, 0.3074.

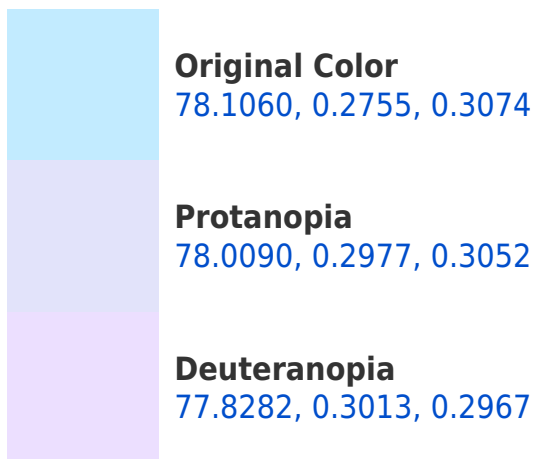


This preview shows how white text looks on a background with the Yxy color 78.1060, 0.2755, 0.3074.

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

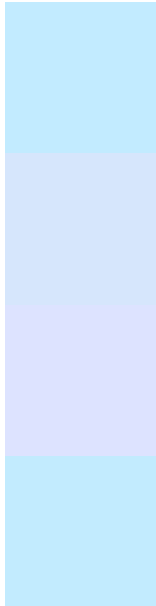




Tritanopia

78.0418, 0.2760, 0.3084

Trichromacy



Original Color

78.1060, 0.2755, 0.3074

Protanomaly

77.9180, 0.2889, 0.3058

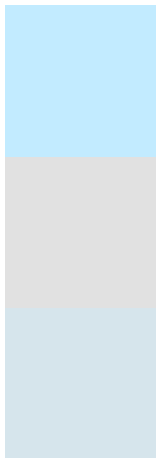
Deuteranomaly

77.5303, 0.2915, 0.3000

Tritanomaly

78.0418, 0.2760, 0.3084

Monochromacy



Original Color

78.1060, 0.2755, 0.3074

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.3909, 0.2983, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1060, 0.2755, 0.3074 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(194, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 255)  
}
```

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(194, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.1060, 0.2755, 0.3074 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(194, 235, 255) }
```

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

```
.border{ border-color:rgb(194, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1060, 0.2755, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 255) }
```

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

```
.background{ background-color: rgb(194,  
235, 255) }
```

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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