

Converting Colors

Yxy(78.9463, 0.2743, 0.3090)

Have a look what the booklet for
Yxy(78.9463, 0.2743, 0.3090)
contains.

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Color

Yxy(78.9948, 0.2745, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	C0EDFF
RGB	192, 237, 255
RGB Percent	75%, 93%, 100%
CMY	0.2473, 0.0705, 0.0000
CMYK	0.25, 0.07, 0.00, 0.00
HSL	197°, 100%, 88%
HSV	197°, 25%, 100%
XYZ	70.0616, 78.9948, 106.1772
YIQ	225.5970, -32.5980, -3.9420

Conversions

Conversions Part 2

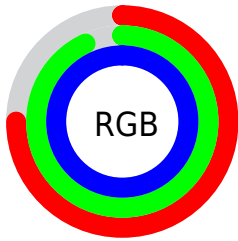
Format	Color
R _Y B	192, 218, 255
Decimal	12643839
CIE Lab	91.23, -10.54, -13.45
CIE LCh	91, 17.086, 231.907
Yxy	78.9948, 0.2745, 0.3095
Android (android.graphics.Color)	4290833919 (0xFFC0EDFF)
YUV	225.5970, 14.4957, -29.4646
Hunter-Lab	88.8790, -14.8302, -8.6141

Details

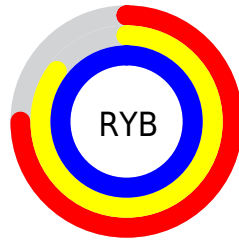
The Yxy color **78.9948, 0.2745, 0.3095** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.1144, 0.3606, 0.3477**, and the grayscale version is **75.6507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **42.4433, 0.2662, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **71.8272, 0.2597, 0.3004**, and if you desaturate by 10%, it is **86.9137, 0.2899, 0.3180**.

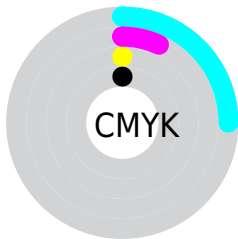
Distribution



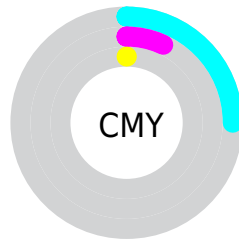
- Red (75%)
- Green (93%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9948, 0.2745, 0.3095 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 78.9948, 0.2745, 0.3095 by changing the saturation by 10% instead.

■ 78.9948, 0.2745,
0.3095

■ 78.9948, 0.2745,
0.3095

■ 491.5388, 0.2917,
0.3186

■ 58.8915, 0.2707,
0.3074

■ 131.9515, 0.2804,
0.3127

■ 42.5258, 0.2660,
0.3048

■ 165.5738, 0.2827,
0.3139

■ 29.5132, 0.2602,
0.3016

■ 204.4712, 0.2847,
0.3150

■ 19.4694, 0.2528,
0.2973

■ 249.0281, 0.2864,
0.3159

■ 12.0100, 0.2430,
0.2914

■ 299.6289, 0.2880,
0.3167

■ 6.7505, 0.2294,
0.2831

■ 356.6580, 0.2894,

■ 3.3065, 0.2094,

0.3174

0.2702

420.4998, 0.2906,
0.3180

1.2938, 0.1776,
0.2479

0.1364, 0.0000,
0.1108

78.9948, 0.2745,
0.3095

78.9948, 0.2745,
0.3095

71.8272, 0.2597,
0.3004

86.9137, 0.2899,
0.3180

65.3731, 0.2457,
0.2906

95.6075, 0.3054,
0.3256

59.6002, 0.2329,
0.2803

100.0000, 0.3127,
0.3290

54.4706, 0.2217,
0.2696

■ 49.9417, 0.2124,
0.2587

■ 45.9644, 0.2051,
0.2478

■ 42.4787, 0.1998,
0.2370

■ 40.7960, 0.1976,
0.2314

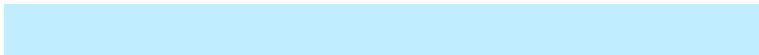
Harmonies

Analogous

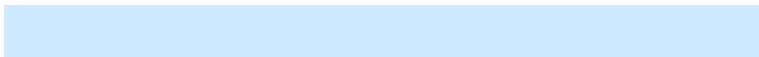
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9948, 0.2796, 0.3266



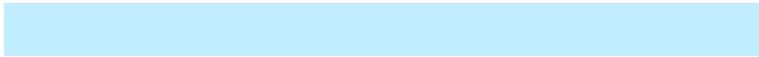
78.9948, 0.2745, 0.3095



78.9948, 0.2792, 0.2984

Triad

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



78.9948, 0.2745, 0.3095



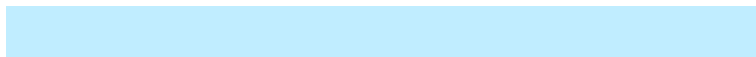
78.9948, 0.3318, 0.3134



78.9948, 0.3323, 0.3645

Complementary

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



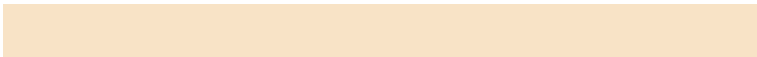
78.9948, 0.2745, 0.3095



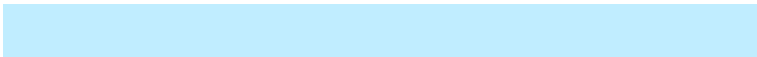
71.1144, 0.3606, 0.3477

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.



78.9948, 0.3470, 0.3595



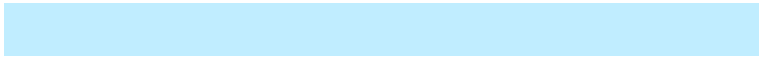
78.9948, 0.2745, 0.3095



78.9948, 0.3469, 0.3298

Square

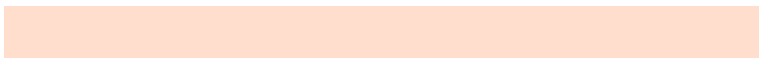
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



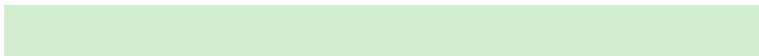
78.9948, 0.2745, 0.3095



78.9948, 0.3118, 0.3010



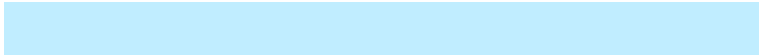
78.9948, 0.3525, 0.3466



78.9948, 0.3126, 0.3593

Rectangle

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



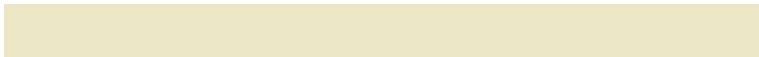
78.9948, 0.2745, 0.3095



78.9948, 0.2873, 0.2955



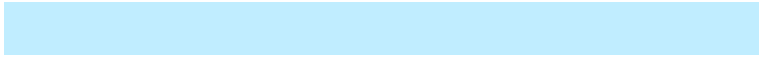
78.9948, 0.3525, 0.3466



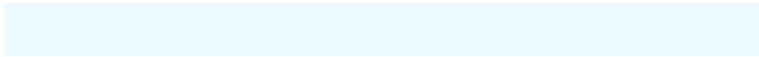
78.9948, 0.3380, 0.3639

Sweetspot

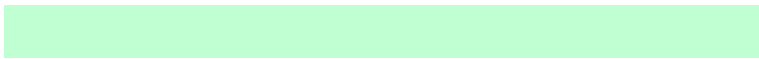
The Sweet Spot groups the original color and five complimentary colors.



78.9968, 0.2745, 0.3095



93.5660, 0.3019, 0.3240



87.3612, 0.2997, 0.3790



19.9122, 0.3009, 0.3235



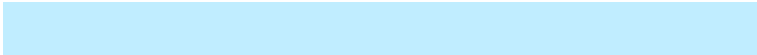
0.0000, 0.0000, 0.0000



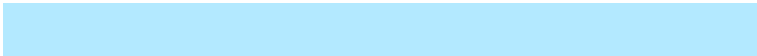
21.4041, 0.3127, 0.3290

Same Dimension

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



78.9968, 0.2745, 0.3095



75.1285, 0.2666, 0.3048



62.3673, 0.2714, 0.2741



19.5547, 0.2980, 0.3221



21.5843, 0.1981, 0.2332



2.2881, 0.2015, 0.2454

Inverse Universe

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



65.0458, 0.3289, 0.2839



59.1941, 0.3332, 0.2740



88.1724, 0.3532, 0.3784



18.2069, 0.3182, 0.3122



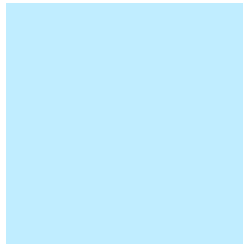
12.9069, 0.4093, 0.2028



1.2755, 0.3968, 0.1960

Previews

White Background



This preview shows how the Yxy color 78.9948, 0.2745, 0.3095 looks on a white background.

Color Contrast Check

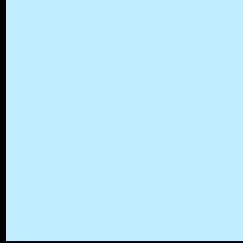
Large Text (above 18pt) WCAG AA × Fail

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 78.9948, 0.2745, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

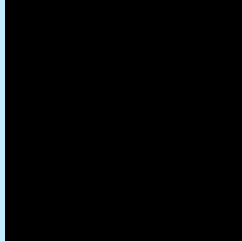
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9948, 0.2745, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 78.9948, 0.2745, 0.3095.

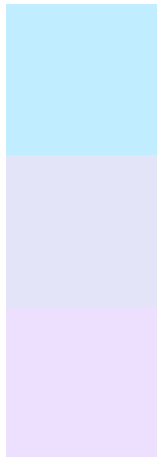


This preview shows how white text looks on a background with the Yxy color 78.9948, 0.2745, 0.3095.

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

78.9948, 0.2745, 0.3095

Protanopia

78.8203, 0.2996, 0.3074

Deuteranopia

78.5358, 0.3019, 0.2978



Tritanopia

79.1258, 0.2751, 0.3095

Trichromacy



Original Color

78.9948, 0.2745, 0.3095

Protanomaly

78.5639, 0.2901, 0.3080

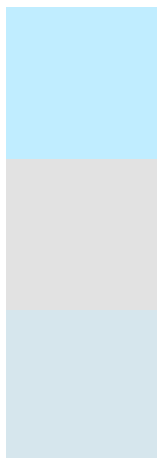
Deuteranomaly

78.6308, 0.2915, 0.3021

Tritanomaly

79.1258, 0.2751, 0.3095

Monochromacy



Original Color

78.9948, 0.2745, 0.3095

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0042, 0.2977, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9948, 0.2745, 0.3095 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(192, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 237, 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(192, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 237, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.9948, 0.2745, 0.3095 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(192, 237, 255) }
```

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

```
.border{ border-color:rgb(192, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 237,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9948, 0.2745, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 237, 255) }
```

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

```
.background{ background-color: rgb(192,  
237, 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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