

Converting Colors

$Yxy(74.7038, 0.2830, 0.3016)$

Have a look what the booklet for
Yxy(74.7038, 0.2830, 0.3016)
contains.

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Color

Yxy(74.9456, 0.2831, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3FC
RGB	205, 227, 252
RGB Percent	80%, 89%, 99%
CMY	0.1962, 0.1097, 0.0118
CMYK	0.19, 0.10, 0.00, 0.01
HSL	212°, 89%, 90%
HSV	212°, 19%, 99%
XYZ	70.2088, 74.9456, 102.8456
YIQ	223.2720, -21.1370, 3.1110

Conversions

Conversions Part 2

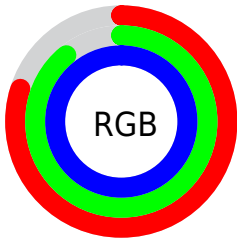
Format	Color
R _Y B	205, 220, 252
Decimal	13493244
CIE Lab	89.37, -2.19, -14.56
CIE LCh	89, 14.728, 261.455
Yxy	74.9456, 0.2831, 0.3022
Android (android.graphics.Color)	4291683324 (0xFFCDE3FC)
YUV	223.2720, 14.1629, -16.0245
Hunter-Lab	86.5711, -6.7368, -9.8361

Details

The Yxy color **74.9456, 0.2831, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6619, 0.3448, 0.3544**, and the grayscale version is **73.9025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9292, 0.2765, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **64.6094, 0.2665, 0.2855**, and if you desaturate by 10%, it is **86.4342, 0.2993, 0.3173**.

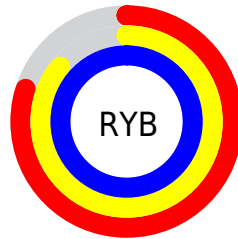
Distribution



Red (80%)

Green (89%)

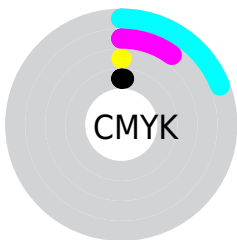
Blue (99%)



Red (80%)

Yellow (86%)

Blue (99%)

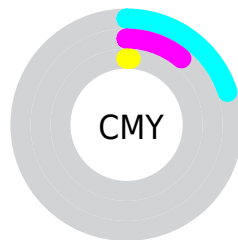


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (20%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9456, 0.2831, 0.3022 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 74.9456, 0.2831, 0.3022 by changing the saturation by 10% instead.

■ 74.9456, 0.2831,
0.3022

■ 74.9456, 0.2831,
0.3022

477.7306, 0.2966,
0.3145

■ 55.5683, 0.2801,
0.2994

126.2354, 0.2878,
0.3065

■ 39.8569, 0.2763,
0.2960

158.9166, 0.2896,
0.3081

■ 27.4270, 0.2716,
0.2916

196.8013, 0.2912,
0.3096

■ 17.8942, 0.2656,
0.2860

240.2739, 0.2925,
0.3108

■ 10.8740, 0.2574,
0.2784

289.7187, 0.2937,
0.3119

■ 5.9822, 0.2459,
0.2676

345.5202, 0.2948,

■ 2.8343, 0.2287,

0.3129

0.2512

408.0627, 0.2958,
0.3137

■ 1.0458, 0.2000,
0.2235

■ 0.0000, 0.0000,
0.0000

■ 74.9456, 0.2831,
0.3022

■ 74.9456, 0.2831,
0.3022

■ 64.6094, 0.2665,
0.2855

■ 86.4342, 0.2993,
0.3173

■ 55.3761, 0.2497,
0.2673

■ 99.0334, 0.3145,
0.3307

■ 47.2053, 0.2332,
0.2478

■ 99.8072, 0.3145,
0.3319

■ 40.0508, 0.2176,
0.2273

■ 33.8617, 0.2034,
0.2064

■ 28.5815, 0.1912,
0.1855

■ 24.1454, 0.1815,
0.1654

■ 20.4666, 0.1743,
0.1467

■ 20.0160, 0.1734,
0.1443

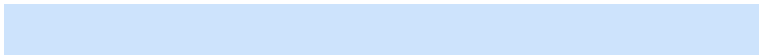
Harmonies

Analogous

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



74.9456, 0.2791, 0.3122



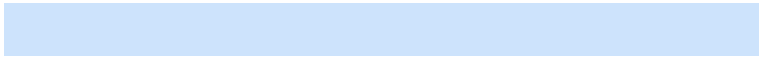
74.9456, 0.2831, 0.3022



74.9456, 0.2949, 0.2995

Triad

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



74.9456, 0.2831, 0.3022



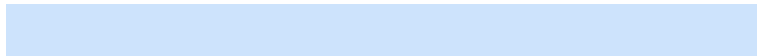
74.9456, 0.3425, 0.3296



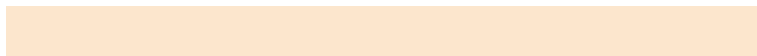
74.9456, 0.3129, 0.3556

Complementary

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



74.9456, 0.2831, 0.3022



81.6619, 0.3448, 0.3544

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.



74.9456, 0.3302, 0.3600



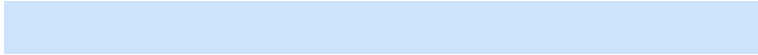
74.9456, 0.2831, 0.3022



74.9456, 0.3476, 0.3444

Square

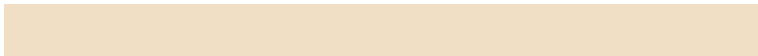
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9456, 0.2831, 0.3022



74.9456, 0.3292, 0.3151



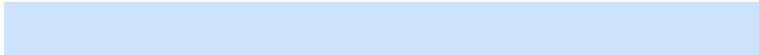
74.9456, 0.3430, 0.3557



74.9456, 0.2960, 0.3434

Rectangle

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



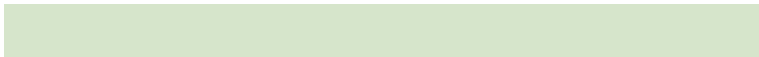
74.9456, 0.2831, 0.3022



74.9456, 0.3058, 0.3019



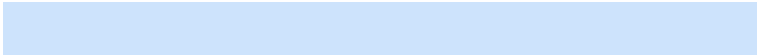
74.9456, 0.3430, 0.3557



74.9456, 0.3189, 0.3581

Sweetspot

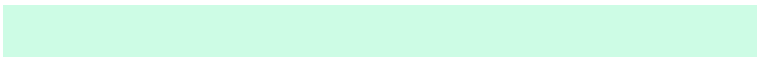
The Sweet Spot groups the original color and five complimentary colors.



74.9487, 0.2831, 0.3022



92.1367, 0.3035, 0.3210



88.2576, 0.2968, 0.3532



19.5436, 0.3024, 0.3201



0.0000, 0.0000, 0.0000



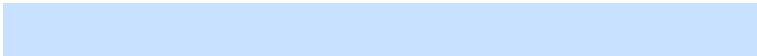
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9487, 0.2831, 0.3022



73.3076, 0.2775, 0.2968



63.7657, 0.2822, 0.2778



17.9848, 0.2980, 0.3161



10.7175, 0.1743, 0.1473



1.2028, 0.1805, 0.1696

Inverse Universe

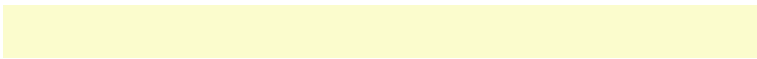
The Inverse Universe completely reimagines the original color for something new.



69.8902, 0.3327, 0.3067



67.5081, 0.3372, 0.3024



94.5630, 0.3404, 0.3757



17.3607, 0.3220, 0.3179



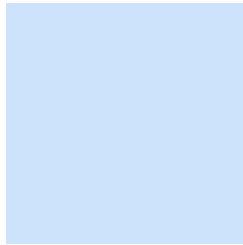
11.4928, 0.5095, 0.2580



1.0857, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 74.9456, 0.2831, 0.3022 looks on a white background.

Color Contrast Check

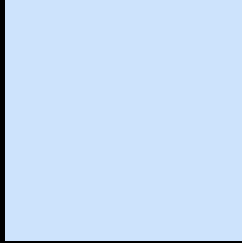
Large Text (above 18pt) WCAG AA × Fail

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 74.9456, 0.2831, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

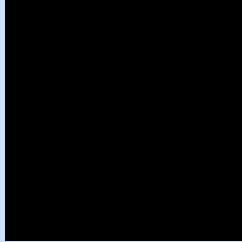
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

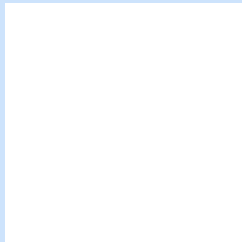
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9456, 0.2831, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 74.9456, 0.2831, 0.3022.



This preview shows how white text looks on a background with the Yxy color 74.9456, 0.2831, 0.3022.

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

74.9456, 0.2831, 0.3022

Protanopia

74.9871, 0.2950, 0.3017

Deuteranopia

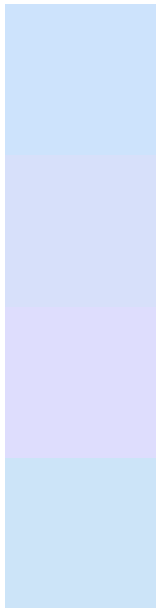
74.4544, 0.2992, 0.2922



Tritanopia

74.9780, 0.2860, 0.3095

Trichromacy



Original Color

74.9456, 0.2831, 0.3022

Protanomaly

74.6605, 0.2905, 0.3015

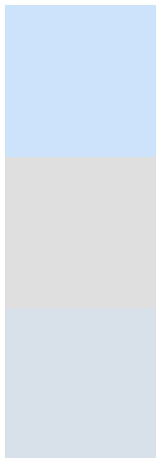
Deuteranomaly

74.3343, 0.2932, 0.2956

Tritanomaly

75.1015, 0.2848, 0.3074

Monochromacy



Original Color

74.9456, 0.2831, 0.3022

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8508, 0.3009, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9456, 0.2831, 0.3022 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(205, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 252)  
}
```

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(205, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.9456, 0.2831, 0.3022 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(205, 227, 252) }
```

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

```
.border{ border-color:rgb(205, 227, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9456, 0.2831, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 252) }
```

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

```
.background{ background-color: rgb(205,  
227, 252) }
```

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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