

Converting Colors

$Yxy(76.4470, 0.2837, 0.3040)$

Have a look what the booklet for
Yxy(76.4470, 0.2837, 0.3040)
contains.

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Color

Yxy(76.2523, 0.2833, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	CEE5FD
RGB	206, 229, 253
RGB Percent	81%, 90%, 99%
CMY	0.1921, 0.1019, 0.0079
CMYK	0.19, 0.09, 0.00, 0.01
HSL	211°, 92%, 90%
HSV	211°, 19%, 99%
XYZ	71.2006, 76.2523, 103.8730
YIQ	224.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

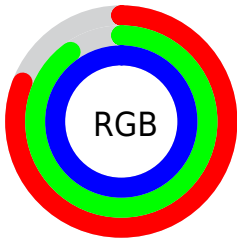
Format	Color
R _Y B	206, 221, 253
Decimal	13559293
CIE Lab	89.98, -2.69, -14.17
CIE LCh	90, 14.420, 259.232
Yxy	76.2523, 0.2833, 0.3034
Android (android.graphics.Color)	4291749373 (0xFFCEE5FD)
YUV	224.8590, 13.8735, -16.5393
Hunter-Lab	87.3226, -7.2700, -9.4016

Details

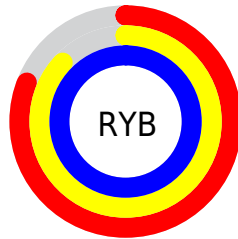
The Yxy color **76.2523, 0.2833, 0.3034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9170, 0.3448, 0.3533**, and the grayscale version is **75.1006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8369, 0.2768, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **66.0398, 0.2668, 0.2874**, and if you desaturate by 10%, it is **87.5852, 0.2994, 0.3178**.

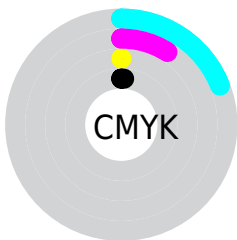
Distribution



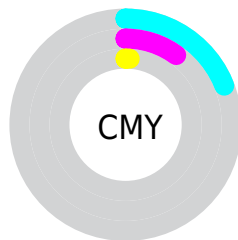
- Red (81%)
- Green (90%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2523, 0.2833, 0.3034 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 76.2523, 0.2833, 0.3034 by changing the saturation by 10% instead.

■ 76.2523, 0.2833,
0.3034

■ 76.2523, 0.2833,
0.3034

482.2109, 0.2967,
0.3152

■ 56.6394, 0.2803,
0.3007

128.0835, 0.2879,
0.3075

■ 40.7158, 0.2766,
0.2975

161.0706, 0.2897,
0.3090

■ 28.0971, 0.2720,
0.2934

199.2845, 0.2913,
0.3104

■ 18.3989, 0.2660,
0.2880

243.1097, 0.2926,
0.3116

■ 11.2367, 0.2581,
0.2808

292.9306, 0.2938,
0.3127

■ 6.2263, 0.2469,
0.2706

349.1315, 0.2949,

■ 2.9832, 0.2300,

0.3136

0.2551

412.0968, 0.2958,
0.3144

■ 1.1230, 0.2023,
0.2290

■ 0.0000, 0.0000,
0.0000

■ 76.2523, 0.2833,
0.3034

■ 76.2523, 0.2833,
0.3034

■ 66.0398, 0.2668,
0.2874

■ 87.5852, 0.2994,
0.3178

■ 56.8989, 0.2502,
0.2700

99.7606, 0.3139,
0.3308

■ 48.7908, 0.2340,
0.2513

99.8703, 0.3139,
0.3309

■ 41.6703, 0.2186,
0.2317

■ 35.4879, 0.2047,
0.2115

■ 30.1885, 0.1928,
0.1914

■ 25.7087, 0.1833,
0.1719

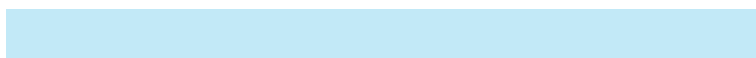
■ 21.9637, 0.1762,
0.1536

■ 21.4724, 0.1753,
0.1511

Harmonies

Analogous

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



76.2523, 0.2800, 0.3136



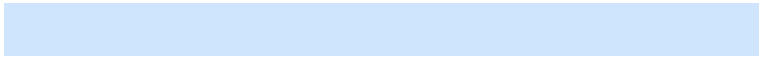
76.2523, 0.2833, 0.3034



76.2523, 0.2943, 0.3002

Triad

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



76.2523, 0.2833, 0.3034



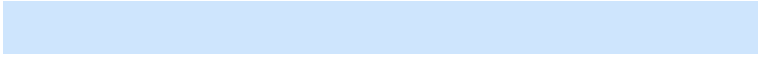
76.2523, 0.3410, 0.3285



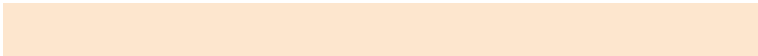
76.2523, 0.3142, 0.3555

Complementary

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



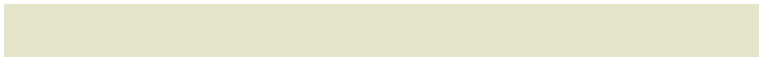
76.2523, 0.2833, 0.3034



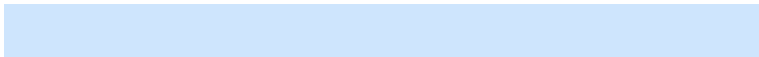
81.9170, 0.3448, 0.3533

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.



76.2523, 0.3308, 0.3592



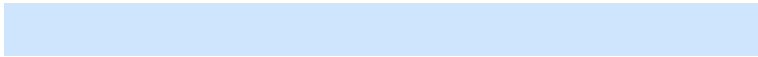
76.2523, 0.2833, 0.3034



76.2523, 0.3466, 0.3430

Square

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



76.2523, 0.2833, 0.3034



76.2523, 0.3276, 0.3145



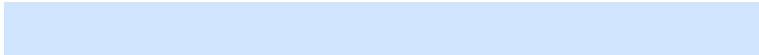
76.2523, 0.3428, 0.3543



76.2523, 0.2976, 0.3441

Rectangle

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



76.2523, 0.2833, 0.3034



76.2523, 0.3047, 0.3022



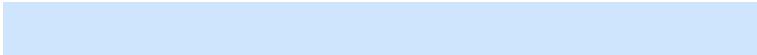
76.2523, 0.3428, 0.3543



76.2523, 0.3200, 0.3577

Sweetspot

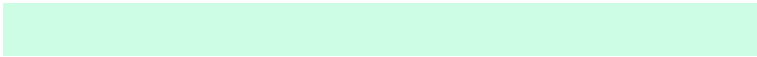
The Sweet Spot groups the original color and five complimentary colors.



76.2554, 0.2833, 0.3034



92.3315, 0.3035, 0.3213



89.0434, 0.2973, 0.3540



19.5896, 0.3024, 0.3204



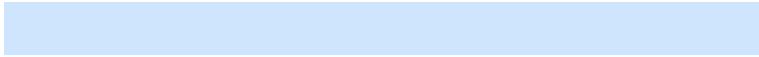
0.0000, 0.0000, 0.0000



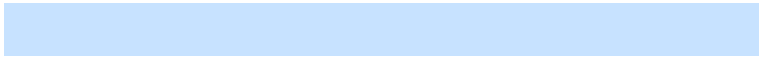
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2554, 0.2833, 0.3034



73.9419, 0.2776, 0.2981



64.3604, 0.2819, 0.2780



18.8463, 0.2979, 0.3166



11.7148, 0.1761, 0.1539



1.3585, 0.1819, 0.1748

Inverse Universe

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



70.6826, 0.3319, 0.3058



67.5721, 0.3363, 0.3013



95.5705, 0.3408, 0.3754



18.1353, 0.3217, 0.3174



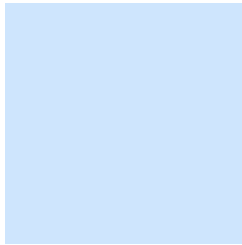
11.9106, 0.5008, 0.2533



1.1817, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 76.2523, 0.2833, 0.3034 looks on a white background.

Color Contrast Check

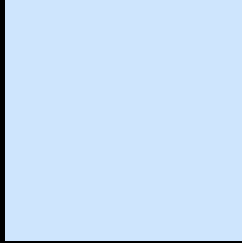
Large Text (above 18pt) WCAG AA × Fail

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 76.2523, 0.2833, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

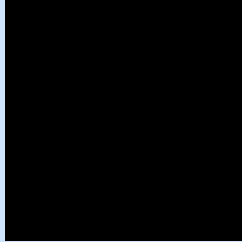
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

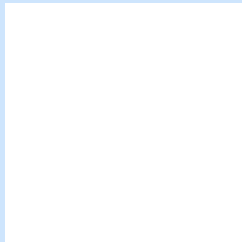
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2523, 0.2833, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 76.2523, 0.2833, 0.3034.

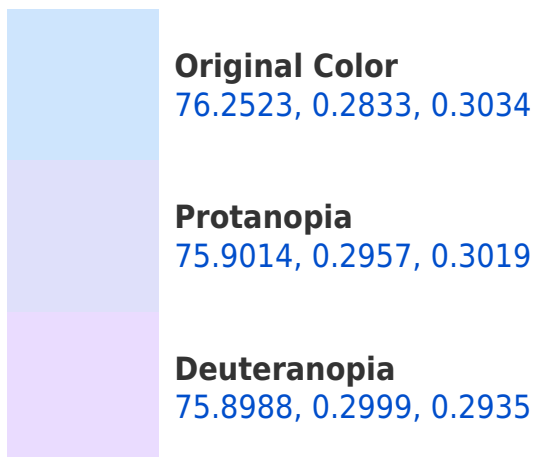


This preview shows how white text looks on a background with the Yxy color 76.2523, 0.2833, 0.3034.

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

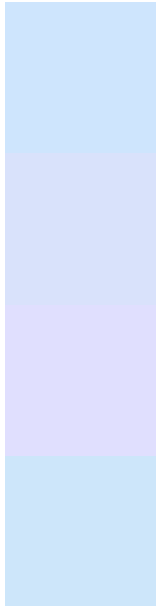




Tritanopia

76.3501, 0.2856, 0.3096

Trichromacy



Original Color

76.2523, 0.2833, 0.3034

Protanomaly

76.1095, 0.2912, 0.3027

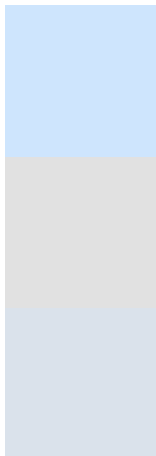
Deuteranomaly

75.7784, 0.2939, 0.2969

Tritanomaly

76.4749, 0.2844, 0.3075

Monochromacy



Original Color

76.2523, 0.2833, 0.3034

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2963, 0.3016, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2523, 0.2833, 0.3034 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(206, 229, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 253)  
}
```

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(206, 229, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.2523, 0.2833, 0.3034 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(206, 229, 253) }
```

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

```
.border{ border-color:rgb(206, 229, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2523, 0.2833, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 253) }
```

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

```
.background{ background-color: rgb(206,  
229, 253) }
```

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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