

Converting Colors

$Yxy(70.1131, 0.2836, 0.3008)$

Have a look what the booklet for
Yxy(70.1131, 0.2836, 0.3008)
contains.

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Color

Yxy(70.2577, 0.2836, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	C9DCF6
RGB	201, 220, 246
RGB Percent	79%, 86%, 96%
CMY	0.2119, 0.1372, 0.0354
CMYK	0.18, 0.11, 0.00, 0.04
HSL	215°, 71%, 88%
HSV	215°, 18%, 96%
XYZ	66.3064, 70.2577, 97.2385
YIQ	217.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

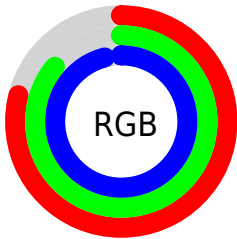
Format	Color
R _Y B	201, 214, 246
Decimal	13229302
CIE Lab	87.12, -1.05, -14.80
CIE LCh	87, 14.839, 265.948
Yxy	70.2577, 0.2836, 0.3005
Android (android.graphics.Color)	4291419382 (0xFFC9DCF6)
YUV	217.2830, 14.1575, -14.2802
Hunter-Lab	83.8199, -5.4808, -10.1078

Details

The Yxy color **70.2577, 0.2836, 0.3005** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.7089, 0.3437, 0.3559**, and the grayscale version is **69.5014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8310, 0.2769, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **59.9846, 0.2667, 0.2824**, and if you desaturate by 10%, it is **81.7148, 0.2999, 0.3168**.

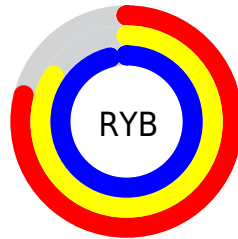
Distribution



Red (79%)

Green (86%)

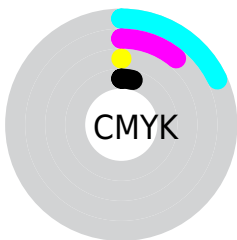
Blue (96%)



Red (79%)

Yellow (84%)

Blue (96%)

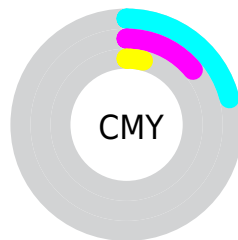


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2577, 0.2836, 0.3005 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 70.2577, 0.2836, 0.3005 by changing the saturation by 10% instead.

■ 70.2577, 0.2836,
0.3005

■ 70.2577, 0.2836,
0.3005

461.4543, 0.2971,
0.3137

■ 51.7367, 0.2805,
0.2975

119.5762, 0.2883,
0.3051

■ 36.7952, 0.2767,
0.2937

151.1424, 0.2901,
0.3069

■ 25.0490, 0.2720,
0.2890

187.8258, 0.2916,
0.3084

■ 16.1135, 0.2657,
0.2828

230.0108, 0.2930,
0.3098

■ 9.6045, 0.2573,
0.2744

278.0817, 0.2942,
0.3109

■ 5.1375, 0.2452,
0.2624

332.4230, 0.2953,

■ 2.3282, 0.2266,

0.3120

0.2437

393.4191, 0.2962,
0.3129

0.7886, 0.1938,
0.2111

0.0000, 0.0000,
0.0000

70.2577, 0.2836,
0.3005

70.2577, 0.2836,
0.3005

59.9846, 0.2667,
0.2824

81.7148, 0.2999,
0.3168

50.8452, 0.2495,
0.2626

94.3864, 0.3153,
0.3314

42.7981, 0.2325,
0.2414

99.4326, 0.3179,
0.3376

35.7957, 0.2162,
0.2192

■ 29.7862, 0.2013,
0.1964

■ 24.7122, 0.1885,
0.1740

■ 20.5082, 0.1782,
0.1527

■ 17.0892, 0.1706,
0.1332

■ 16.5684, 0.1695,
0.1301

Harmonies

Analogous

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



70.2577, 0.2782, 0.3097



70.2577, 0.2836, 0.3005



70.2577, 0.2967, 0.2989

Triad

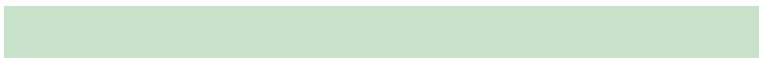
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2577, 0.2836, 0.3005



70.2577, 0.3448, 0.3319



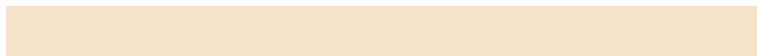
70.2577, 0.3102, 0.3550

Complementary

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



70.2577, 0.2836, 0.3005



78.7089, 0.3437, 0.3559

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.



70.2577, 0.3282, 0.3609



70.2577, 0.2836, 0.3005



70.2577, 0.3485, 0.3469

Square

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



70.2577, 0.2836, 0.3005



70.2577, 0.3322, 0.3168



70.2577, 0.3423, 0.3576



70.2577, 0.2932, 0.3415

Rectangle

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



70.2577, 0.2836, 0.3005



70.2577, 0.3083, 0.3021



70.2577, 0.3423, 0.3576



70.2577, 0.3163, 0.3579

Sweetspot

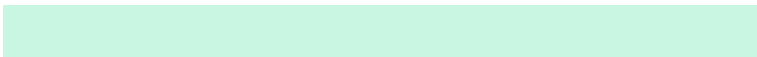
The Sweet Spot groups the original color and five complimentary colors.



70.2606, 0.2836, 0.3005



93.0580, 0.3050, 0.3218



83.8306, 0.2958, 0.3502



19.7152, 0.3039, 0.3207



0.0000, 0.0000, 0.0000



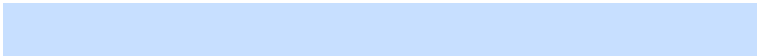
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2606, 0.2836, 0.3005



71.9295, 0.2773, 0.2939



61.2462, 0.2845, 0.2792



17.0792, 0.2980, 0.3150



9.1091, 0.1703, 0.1331



0.9995, 0.1771, 0.1575

Inverse Universe

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



66.5175, 0.3338, 0.3093



67.3689, 0.3391, 0.3050



89.1667, 0.3383, 0.3749



16.5989, 0.3227, 0.3190



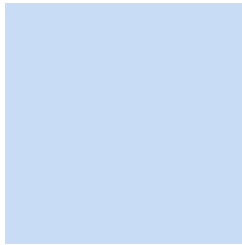
11.0189, 0.5284, 0.2685



0.9885, 0.4963, 0.2508

Previews

White Background



This preview shows how the Yxy color 70.2577, 0.2836, 0.3005 looks on a white background.

Color Contrast Check

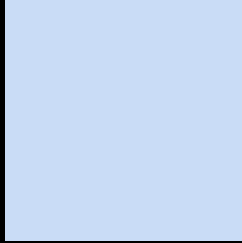
Large Text (above 18pt) WCAG AA × Fail

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 70.2577, 0.2836, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

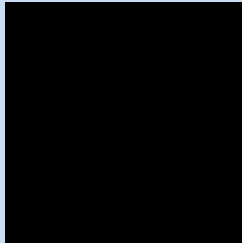
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

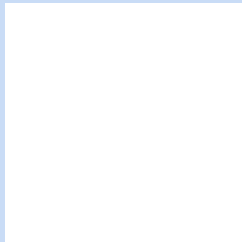
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2577, 0.2836, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 70.2577, 0.2836, 0.3005.



This preview shows how white text looks on a background with the Yxy color 70.2577, 0.2836, 0.3005.

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

70.2577, 0.2836, 0.3005

Protanopia

69.9395, 0.2932, 0.2989

Deuteranopia

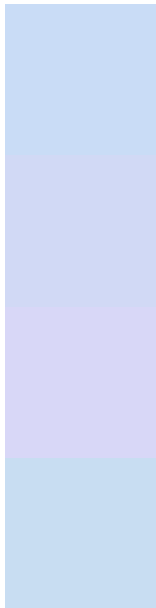
69.8718, 0.2982, 0.2912



Tritanopia

70.2243, 0.2871, 0.3090

Trichromacy



Original Color

70.2577, 0.2836, 0.3005

Protanomaly

69.7736, 0.2893, 0.2986

Deuteranomaly

69.9152, 0.2927, 0.2948

Tritanomaly

70.4031, 0.2854, 0.3058

Monochromacy



Original Color

70.2577, 0.2836, 0.3005

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5931, 0.3012, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2577, 0.2836, 0.3005 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(201, 220, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 246)  
}
```

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(201, 220, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 246) }
```

Border

The CSS property to change the border of an element to Yxy 70.2577, 0.2836, 0.3005 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(201, 220, 246) }
```

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

```
.border{ border-color:rgb(201, 220, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 220, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 220, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 220,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2577, 0.2836, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 246) }
```

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

```
.background{ background-color: rgb(201,  
220, 246) }
```

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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