

Converting Colors

$Yxy(72.9571, 0.2798, 0.2998)$

Have a look what the booklet for
Yxy(72.9571, 0.2798, 0.2998)
contains.

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Color

Yxy(73.1581, 0.2799, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	C8E1FC
RGB	200, 225, 252
RGB Percent	78%, 88%, 99%
CMY	0.2155, 0.1177, 0.0117
CMYK	0.21, 0.11, 0.00, 0.01
HSL	211°, 90%, 89%
HSV	211°, 21%, 99%
XYZ	68.3248, 73.1581, 102.6215
YIQ	220.6030, -23.5670, 3.0970

Conversions

Conversions Part 2

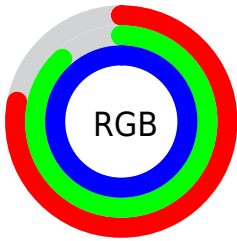
Format	Color
R _Y B	200, 217, 252
Decimal	13165052
CIE Lab	88.52, -2.63, -15.88
CIE LCh	89, 16.094, 260.602
Yxy	73.1581, 0.2799, 0.2997
Android (android.graphics.Color)	4291355132 (0xFFC8E1FC)
YUV	220.6030, 15.4787, -18.0688
Hunter-Lab	85.5325, -7.0930, -11.2631

Details

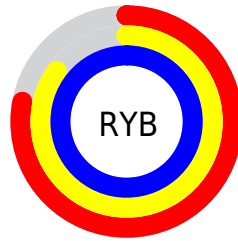
The Yxy color **73.1581, 0.2799, 0.2997** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8414, 0.3487, 0.3566**, and the grayscale version is **71.9225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7093, 0.2724, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **63.1572, 0.2633, 0.2831**, and if you desaturate by 10%, it is **84.2805, 0.2962, 0.3147**.

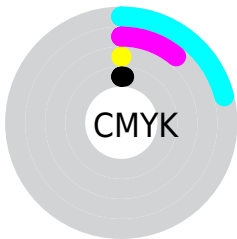
Distribution



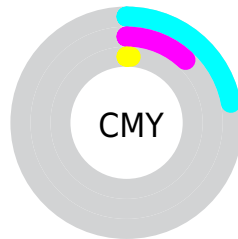
- Red (78%)
- Green (88%)
- Blue (99%)



- Red (78%)
- Yellow (85%)
- Blue (99%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1581, 0.2799, 0.2997 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 73.1581, 0.2799, 0.2997 by changing the saturation by 10% instead.

■ 73.1581, 0.2799,
0.2997

■ 73.1581, 0.2799,
0.2997

471.5626, 0.2949,
0.3132

■ 54.1052, 0.2765,
0.2966

123.7016, 0.2851,
0.3044

■ 38.6858, 0.2723,
0.2928

155.9611, 0.2871,
0.3062

■ 26.5154, 0.2671,
0.2880

193.3916, 0.2889,
0.3078

■ 17.2096, 0.2603,
0.2818

236.3774, 0.2904,
0.3092

■ 10.3841, 0.2512,
0.2734

285.3030, 0.2917,
0.3104

■ 5.6543, 0.2384,
0.2614

340.5528, 0.2929,

■ 2.6361, 0.2190,

0.3114

0.2431

402.5112, 0.2940,
0.3124

0.9448, 0.1869,
0.2121

0.0000, 0.0000,
0.0000

73.1581, 0.2799,
0.2997

73.1581, 0.2799,
0.2997

63.1572, 0.2633,
0.2831

84.2805, 0.2962,
0.3147

54.2288, 0.2466,
0.2650

96.5533, 0.3118,
0.3282

46.3328, 0.2304,
0.2458

99.8088, 0.3144,
0.3319

39.4231, 0.2152,
0.2256

■ 33.4487, 0.2015,
0.2050

■ 28.3529, 0.1899,
0.1846

■ 24.0698, 0.1808,
0.1651

■ 20.7005, 0.1744,
0.1479

Harmonies

Analogous

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



73.1581, 0.2758, 0.3108



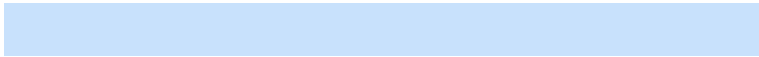
73.1581, 0.2799, 0.2997



73.1581, 0.2926, 0.2965

Triad

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



73.1581, 0.2799, 0.2997



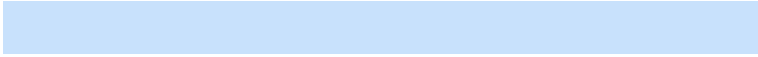
73.1581, 0.3453, 0.3291



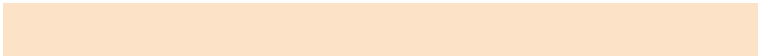
73.1581, 0.3135, 0.3587

Complementary

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



73.1581, 0.2799, 0.2997



79.8414, 0.3487, 0.3566

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.



73.1581, 0.3324, 0.3632



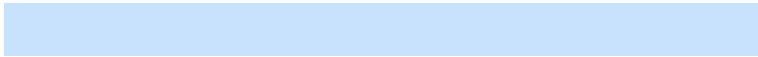
73.1581, 0.2799, 0.2997



73.1581, 0.3511, 0.3454

Square

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



73.1581, 0.2799, 0.2997



73.1581, 0.3304, 0.3133



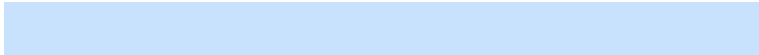
73.1581, 0.3463, 0.3581



73.1581, 0.2948, 0.3454

Rectangle

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



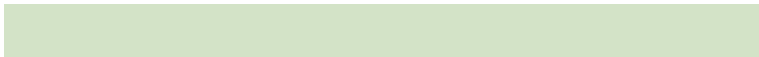
73.1581, 0.2799, 0.2997



73.1581, 0.3045, 0.2990



73.1581, 0.3463, 0.3581



73.1581, 0.3200, 0.3613

Sweetspot

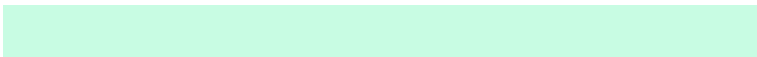
The Sweet Spot groups the original color and five complimentary colors.



73.1611, 0.2799, 0.2997



92.2421, 0.3035, 0.3212



87.4523, 0.2952, 0.3561



19.5685, 0.3024, 0.3203



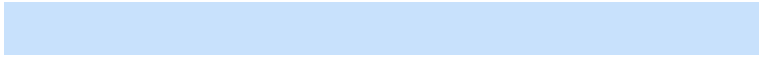
0.0000, 0.0000, 0.0000



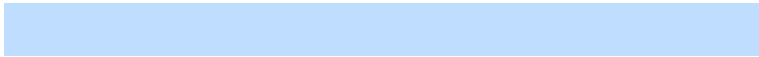
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1611, 0.2799, 0.2997



70.4948, 0.2726, 0.2926



60.7639, 0.2786, 0.2717



18.0181, 0.2980, 0.3163



11.0739, 0.1753, 0.1509



1.2366, 0.1814, 0.1730

Inverse Universe

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



67.4628, 0.3349, 0.3036



63.8969, 0.3408, 0.2979



94.3345, 0.3433, 0.3807



17.3640, 0.3218, 0.3177



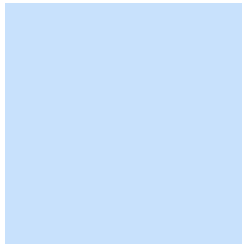
11.5288, 0.5047, 0.2554



1.0891, 0.4769, 0.2401

Previews

White Background



This preview shows how the Yxy color 73.1581, 0.2799, 0.2997 looks on a white background.

Color Contrast Check

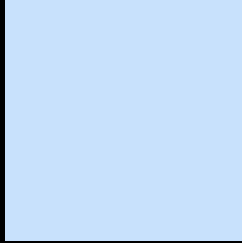
Large Text (above 18pt) WCAG AA × Fail

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 73.1581, 0.2799, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

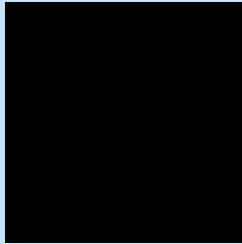
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

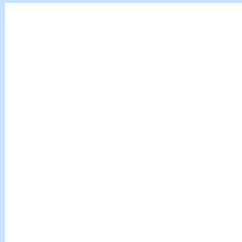
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1581, 0.2799, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 73.1581, 0.2799, 0.2997.



This preview shows how white text looks on a background with the Yxy color 73.1581, 0.2799, 0.2997.

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

73.1581, 0.2799, 0.2997

Protanopia

72.9314, 0.2929, 0.2983

Deuteranopia

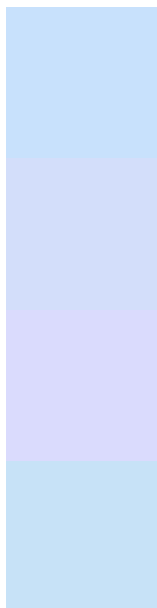
72.7615, 0.2965, 0.2898



Tritanopia

73.0665, 0.2839, 0.3092

Trichromacy



Original Color

73.1581, 0.2799, 0.2997

Protanomaly

72.9936, 0.2878, 0.2991

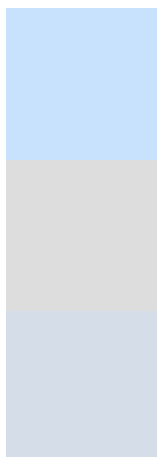
Deuteranomaly

72.6603, 0.2905, 0.2932

Tritanomaly

73.2502, 0.2822, 0.3060

Monochromacy



Original Color

73.1581, 0.2799, 0.2997

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2149, 0.3001, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1581, 0.2799, 0.2997 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(200, 225, 252)` looks like.

```
.text, #text, p{  
    color:rgb(200, 225, 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(200, 225, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 225, 252) }
```

Border

The CSS property to change the border of an element to Yxy 73.1581, 0.2799, 0.2997 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(200, 225, 252) }
```

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

```
.border{ border-color:rgb(200, 225, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 225, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 225, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 225, 252);  
box-shadow:4px 4px 4px 4px rgb(200, 225,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1581, 0.2799, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 225, 252) }
```

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

```
.background{ background-color: rgb(200,  
225, 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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