

Converting Colors

$Yxy(78.0381, 0.2477, 0.2373)$

Have a look what the booklet for
Yxy(78.0381, 0.2477, 0.2373)
contains.

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Color

Yxy(73.2278, 0.2800, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	CBE0FF
RGB	203, 224, 255
RGB Percent	80%, 88%, 100%
CMY	0.2038, 0.1216, 0.0001
CMYK	0.20, 0.12, 0.00, 0.00
HSL	216°, 100%, 90%
HSV	216°, 20%, 100%
XYZ	69.3398, 73.2278, 105.0746
YIQ	221.2550, -22.4670, 5.1890

Conversions

Conversions Part 2

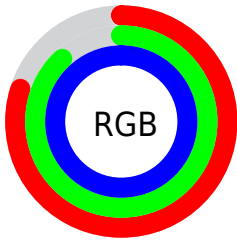
Format	Color
R _Y B	203, 218, 255
Decimal	13361407
CIE Lab	88.56, -0.56, -17.37
CIE LCh	89, 17.380, 268.140
Yxy	73.2278, 0.2800, 0.2957
Android (android.graphics.Color)	4291551487 (0xFFCBE0FF)
YUV	221.2550, 16.6363, -16.0096
Hunter-Lab	85.5732, -5.1150, -12.9004

Details

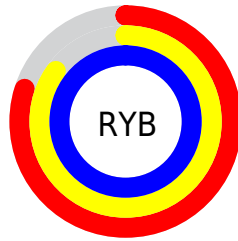
The Yxy color $73.2278, 0.2800, 0.2957$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.4335, 0.3475, 0.3602$, and the grayscale version is $72.3931, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.7491, 0.2724, 0.2885$ is the 20% darker color. If you saturate the color by 10%, you get $62.1254, 0.2629, 0.2765$, and if you desaturate by 10%, it is $85.6564, 0.2965, 0.3130$.

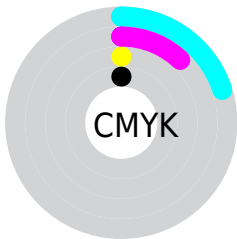
Distribution



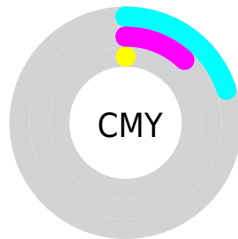
- Red (80%)
- Green (88%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2278, 0.2800, 0.2957 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 73.2278, 0.2800, 0.2957 by changing the saturation by 10% instead.

■ 73.2278, 0.2800,
0.2957

■ 73.2278, 0.2800,
0.2957

471.8039, 0.2950,
0.3110

■ 54.1623, 0.2766,
0.2922

123.8005, 0.2852,
0.3010

■ 38.7314, 0.2725,
0.2880

156.0765, 0.2872,
0.3030

■ 26.5508, 0.2672,
0.2826

193.5248, 0.2889,
0.3048

■ 17.2362, 0.2605,
0.2757

236.5297, 0.2905,
0.3064

■ 10.4030, 0.2514,
0.2664

285.4757, 0.2918,
0.3077

■ 5.6670, 0.2386,
0.2532

340.7471, 0.2930,

■ 2.6437, 0.2193,

0.3089

0.2333

402.7284, 0.2940,
0.3100

0.9487, 0.1875,
0.2004

0.0000, 0.0000,
0.0000

73.2278, 0.2800,
0.2957

73.2278, 0.2800,
0.2957

62.1254, 0.2629,
0.2765

85.6564, 0.2965,
0.3130

52.2926, 0.2454,
0.2557

99.4475, 0.3122,
0.3285

43.6811, 0.2283,
0.2334

99.9991, 0.3127,
0.3290

36.2361, 0.2119,
0.2101

■ 29.8976, 0.1971,
0.1867

■ 24.5988, 0.1845,
0.1638

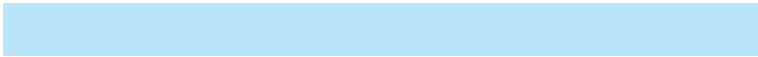
■ 20.2630, 0.1747,
0.1424

■ 16.8936, 0.1677,
0.1238

Harmonies

Analogous

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



73.2278, 0.2731, 0.3056



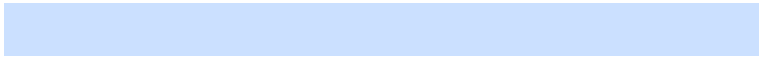
73.2278, 0.2800, 0.2957



73.2278, 0.2956, 0.2946

Triad

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



73.2278, 0.2800, 0.2957



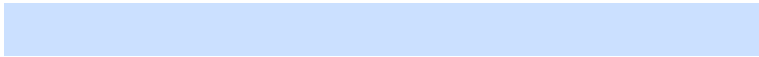
73.2278, 0.3505, 0.3336



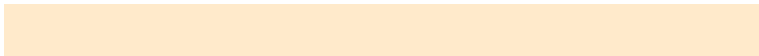
73.2278, 0.3082, 0.3583

Complementary

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



73.2278, 0.2800, 0.2957



84.4335, 0.3475, 0.3602

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.



73.2278, 0.3291, 0.3658



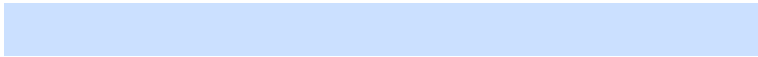
73.2278, 0.2800, 0.2957



73.2278, 0.3540, 0.3506

Square

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



73.2278, 0.2800, 0.2957



73.2278, 0.3365, 0.3161



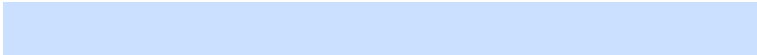
73.2278, 0.3460, 0.3627



73.2278, 0.2890, 0.3421

Rectangle

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



73.2278, 0.2800, 0.2957



73.2278, 0.3091, 0.2987



73.2278, 0.3460, 0.3627



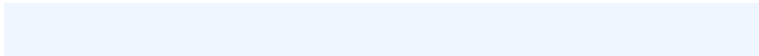
73.2278, 0.3152, 0.3620

Sweetspot

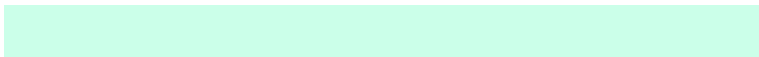
The Sweet Spot groups the original color and five complimentary colors.



73.2308, 0.2800, 0.2957



91.5268, 0.3035, 0.3200



90.1160, 0.2935, 0.3519



19.3995, 0.3024, 0.3190



0.0000, 0.0000, 0.0000



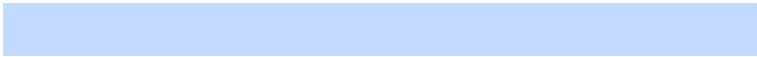
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2308, 0.2800, 0.2957



69.0602, 0.2738, 0.2890



63.2685, 0.2814, 0.2728



18.5807, 0.2979, 0.3144



9.1022, 0.1686, 0.1269



1.0937, 0.1748, 0.1492

Inverse Universe

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



69.3698, 0.3375, 0.3079



64.8423, 0.3431, 0.3039



96.2705, 0.3407, 0.3805



18.1085, 0.3231, 0.3194



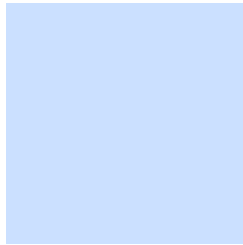
11.6468, 0.5370, 0.2732



1.1550, 0.5070, 0.2567

Previews

White Background



This preview shows how the Yxy color 73.2278, 0.2800, 0.2957 looks on a white background.

Color Contrast Check

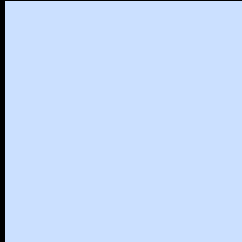
Large Text (above 18pt) WCAG AA × Fail

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 73.2278, 0.2800, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

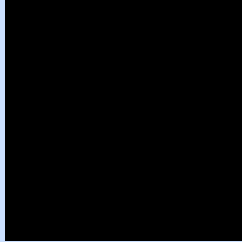
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

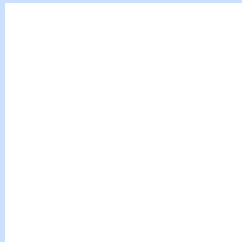
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2278, 0.2800, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 73.2278, 0.2800, 0.2957.



This preview shows how white text looks on a background with the Yxy color 73.2278, 0.2800, 0.2957.

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

73.2278, 0.2800, 0.2957

Protanopia

73.0300, 0.2898, 0.2942

Deuteranopia

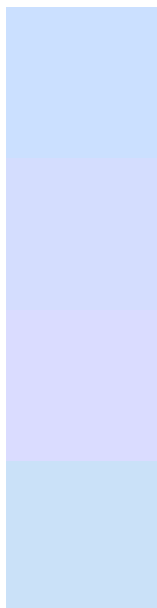
73.1766, 0.2952, 0.2898



Tritanopia

73.3419, 0.2851, 0.3093

Trichromacy



Original Color

73.2278, 0.2800, 0.2957

Protanomaly

72.8657, 0.2860, 0.2940

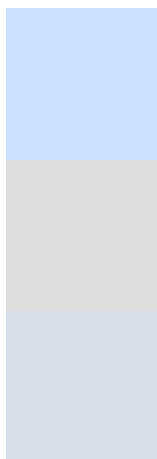
Deuteranomaly

73.3118, 0.2893, 0.2923

Tritanomaly

73.1843, 0.2834, 0.3040

Monochromacy



Original Color

73.2278, 0.2800, 0.2957

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4219, 0.3001, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2278, 0.2800, 0.2957 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(203, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 224, 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(203, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.2278, 0.2800, 0.2957 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(203, 224, 255) }
```

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

```
.border{ border-color:rgb(203, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2278, 0.2800, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 224, 255) }
```

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

```
.background{ background-color: rgb(203,  
224, 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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