

Converting Colors

$Yxy(71.7493, 0.2719, 0.2911)$

Have a look what the booklet for
Yxy(71.7493, 0.2719, 0.2911)
contains.

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Color

Yxy(71.3328, 0.2738, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	C1DFFF
RGB	193, 223, 255
RGB Percent	76%, 87%, 100%
CMY	0.2431, 0.1255, 0.0000
CMYK	0.24, 0.13, 0.00, 0.00
HSL	211°, 100%, 88%
HSV	211°, 24%, 100%
XYZ	66.4317, 71.3328, 104.8641
YIQ	217.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

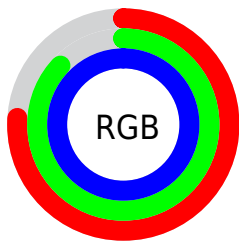
Format	Color
R _Y B	193, 213, 255
Decimal	12705791
CIE Lab	87.65, -3.03, -18.81
CIE LCh	88, 19.049, 260.862
Yxy	71.3328, 0.2738, 0.2940
Android (android.graphics.Color)	4290895871 (0xFFC1DFFF)
YUV	217.6780, 18.3997, -21.6426
Hunter-Lab	84.4587, -7.4022, -14.4934

Details

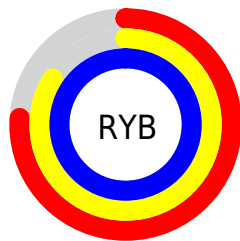
The Yxy color **71.3328, 0.2738, 0.2940** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.9636, 0.3563, 0.3616**, and the grayscale version is **69.7669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **37.4858, 0.2647, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **61.5057, 0.2571, 0.2770**, and if you desaturate by 10%, it is **82.2902, 0.2902, 0.3095**.

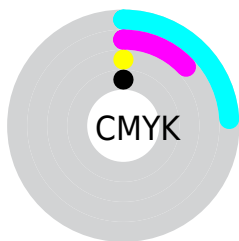
Distribution



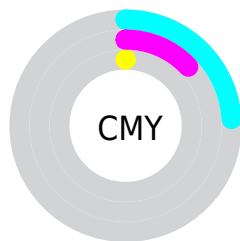
- Red (76%)
- Green (87%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3328, 0.2738, 0.2940 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 71.3328, 0.2738, 0.2940 by changing the saturation by 10% instead.

■ 71.3328, 0.2738,
0.2940

■ 71.3328, 0.2738,
0.2940

465.2160, 0.2917,
0.3102

■ 52.6138, 0.2698,
0.2903

■ 121.1075, 0.2800,
0.2996

■ 37.4946, 0.2648,
0.2858

152.9320, 0.2824,
0.3018

■ 25.5907, 0.2586,
0.2800

189.8938, 0.2844,
0.3037

■ 16.5177, 0.2505,
0.2725

232.3772, 0.2863,
0.3053

■ 9.8912, 0.2397,
0.2624

280.7668, 0.2878,
0.3068

■ 5.3269, 0.2246,
0.2480

335.4469, 0.2893,

■ 2.4403, 0.2018,

0.3081

0.2262

396.8018, 0.2905,
0.3092

0.8465, 0.1640,
0.1900

0.0000, 0.0000,
0.0000

71.3328, 0.2738,
0.2940

71.3328, 0.2738,
0.2940

61.5057, 0.2571,
0.2770

82.2902, 0.2902,
0.3095

52.7582, 0.2406,
0.2586

94.4087, 0.3061,
0.3235

45.0482, 0.2248,
0.2390

99.9993, 0.3127,
0.3290

38.3267, 0.2101,
0.2188

■ 32.5397, 0.1972,
0.1983

■ 27.6261, 0.1865,
0.1783

■ 23.5137, 0.1784,
0.1593

■ 21.4763, 0.1748,
0.1491

Harmonies

Analogous

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



71.3328, 0.2688, 0.3070



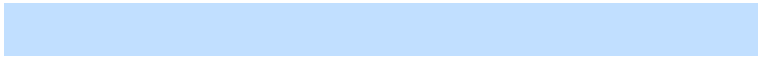
71.3328, 0.2738, 0.2940



71.3328, 0.2889, 0.2905

Triad

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



71.3328, 0.2738, 0.2940



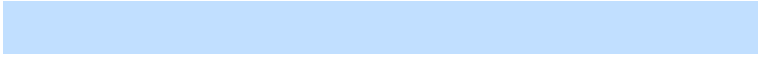
71.3328, 0.3518, 0.3291



71.3328, 0.3133, 0.3646

Complementary

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



71.3328, 0.2738, 0.2940



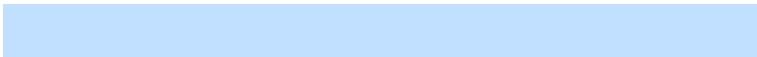
78.9636, 0.3563, 0.3616

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.



71.3328, 0.3359, 0.3700



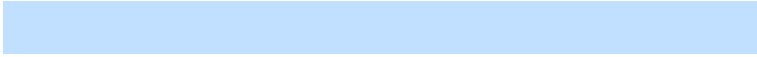
71.3328, 0.2738, 0.2940



71.3328, 0.3587, 0.3485

Square

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



71.3328, 0.2738, 0.2940



71.3328, 0.3340, 0.3105



71.3328, 0.3527, 0.3637



71.3328, 0.2911, 0.3484

Rectangle

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



71.3328, 0.2738, 0.2940



71.3328, 0.3030, 0.2936



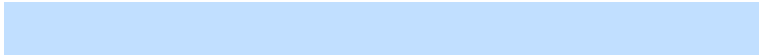
71.3328, 0.3527, 0.3637



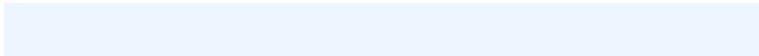
71.3328, 0.3211, 0.3677

Sweetspot

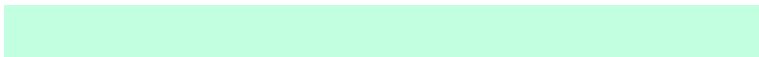
The Sweet Spot groups the original color and five complimentary colors.



71.3357, 0.2738, 0.2940



91.0318, 0.3019, 0.3199



88.2349, 0.2927, 0.3627



19.3249, 0.3009, 0.3190



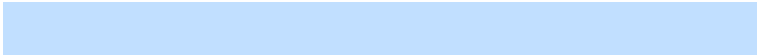
0.0000, 0.0000, 0.0000



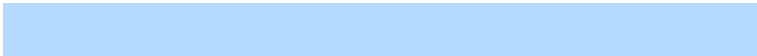
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3357, 0.2738, 0.2940



66.5869, 0.2660, 0.2862



56.7086, 0.2709, 0.2598



18.8283, 0.2979, 0.3164



11.5189, 0.1756, 0.1520



1.3391, 0.1814, 0.1730

Inverse Universe

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



64.7348, 0.3396, 0.2986



59.3289, 0.3464, 0.2924



96.6216, 0.3496, 0.3899



18.1335, 0.3218, 0.3176



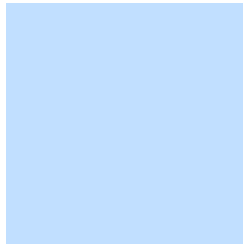
11.8908, 0.5033, 0.2546



1.1797, 0.4770, 0.2401

Previews

White Background



This preview shows how the Yxy color 71.3328, 0.2738, 0.2940 looks on a white background.

Color Contrast Check

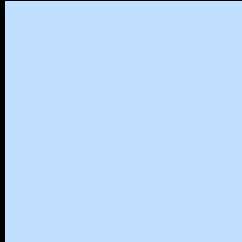
Large Text (above 18pt) WCAG AA × Fail

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 71.3328, 0.2738, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

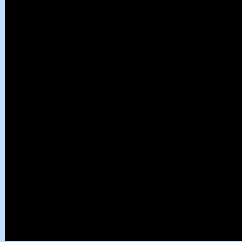
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

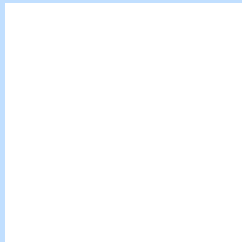
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3328, 0.2738, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 71.3328, 0.2738, 0.2940.

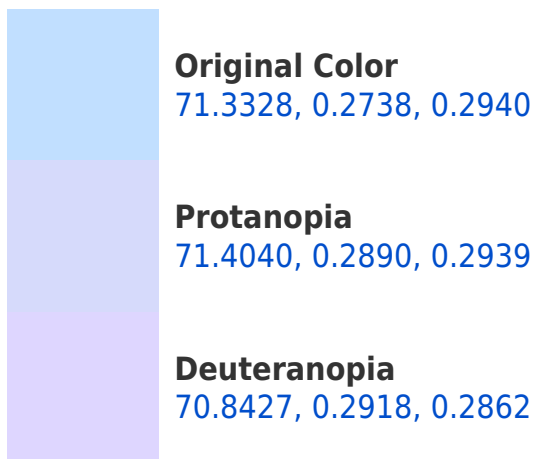


This preview shows how white text looks on a background with the Yxy color 71.3328, 0.2738, 0.2940.

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

71.3979, 0.2794, 0.3089

Trichromacy



Original Color

71.3328, 0.2738, 0.2940

Protanomaly

71.3365, 0.2833, 0.2945

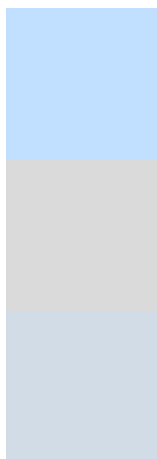
Deuteranomaly

70.6946, 0.2846, 0.2885

Tritanomaly

71.2332, 0.2777, 0.3035

Monochromacy



Original Color

71.3328, 0.2738, 0.2940

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5112, 0.2980, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3328, 0.2738, 0.2940 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(193, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 223, 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(193, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3328, 0.2738, 0.2940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

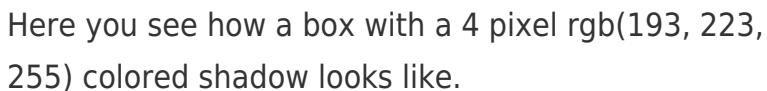
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 223, 255) }
```

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

```
.border{ border-color:rgb(193, 223, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 223, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 223, 255); box-shadow:4px 4px 4px 4px rgb(193, 223, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3328, 0.2738, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 223, 255) }
```

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

```
.background{ background-color: rgb(193,  
223, 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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