

Converting Colors

Yxy(78.6170, 0.2444, 0.2326)

Have a look what the booklet for
Yxy(78.6170, 0.2444, 0.2326)
contains.

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Color

Yxy(72.9488, 0.2787, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0FF
RGB	201, 224, 255
RGB Percent	79%, 88%, 100%
CMY	0.2120, 0.1215, 0.0000
CMYK	0.21, 0.12, 0.00, 0.00
HSL	214°, 100%, 89%
HSV	214°, 21%, 100%
XYZ	68.7782, 72.9488, 105.0552
YIQ	220.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

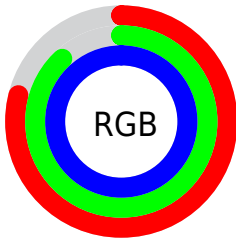
Format	Color
R _Y B	201, 217, 255
Decimal	13230335
CIE Lab	88.42, -1.21, -17.59
CIE LCh	88, 17.630, 266.066
Yxy	72.9488, 0.2787, 0.2956
Android (android.graphics.Color)	4291420415 (0xFFC9E0FF)
YUV	220.6570, 16.9311, -17.2392
Hunter-Lab	85.4101, -5.7269, -13.1402

Details

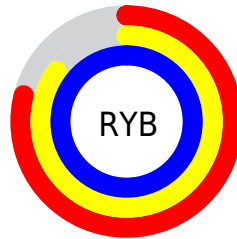
The Yxy color **72.9488, 0.2787, 0.2956** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1310, 0.3493, 0.3603**, and the grayscale version is **71.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5641, 0.2709, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **62.1889, 0.2617, 0.2771**, and if you desaturate by 10%, it is **84.9758, 0.2952, 0.3123**.

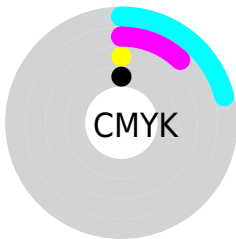
Distribution



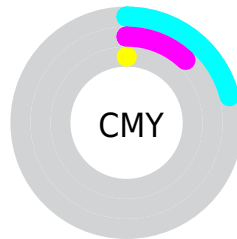
- Red (79%)
- Green (88%)
- Blue (100%)



- Red (79%)
- Yellow (85%)
- Blue (100%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9488, 0.2787, 0.2956 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 72.9488, 0.2787, 0.2956 by changing the saturation by 10% instead.

■ 72.9488, 0.2787,
0.2956

■ 72.9488, 0.2787,
0.2956

470.8373, 0.2943,
0.3110

■ 53.9341, 0.2752,
0.2921

123.4045, 0.2841,
0.3009

■ 38.5490, 0.2709,
0.2878

155.6143, 0.2862,
0.3030

■ 26.4090, 0.2654,
0.2824

192.9913, 0.2880,
0.3048

■ 17.1299, 0.2584,
0.2755

235.9198, 0.2896,
0.3063

■ 10.3271, 0.2490,
0.2660

284.7843, 0.2910,
0.3077

■ 5.6164, 0.2357,
0.2527

339.9691, 0.2922,

■ 2.6133, 0.2157,

0.3089

0.2326

401.8587, 0.2933,
0.3100

0.9333, 0.1829,
0.1992

0.0000, 0.0000,
0.0000

72.9488, 0.2787,
0.2956

72.9488, 0.2787,
0.2956

62.1889, 0.2617,
0.2771

84.9758, 0.2952,
0.3123

52.6414, 0.2445,
0.2570

98.3042, 0.3109,
0.3273

44.2602, 0.2277,
0.2355

99.9995, 0.3127,
0.3290

36.9927, 0.2118,
0.2132

■ 30.7809, 0.1974,
0.1906

■ 25.5606, 0.1853,
0.1685

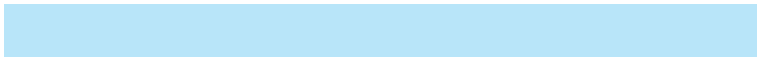
■ 21.2570, 0.1759,
0.1477

■ 18.1379, 0.1697,
0.1310

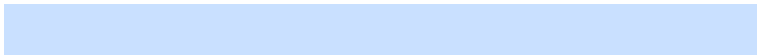
Harmonies

Analogous

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



72.9488, 0.2724, 0.3062



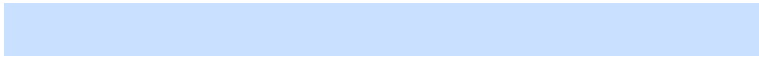
72.9488, 0.2787, 0.2956



72.9488, 0.2940, 0.2939

Triad

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



72.9488, 0.2787, 0.2956



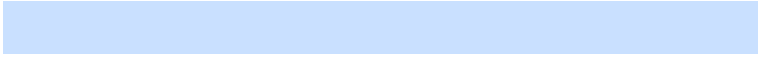
72.9488, 0.3504, 0.3324



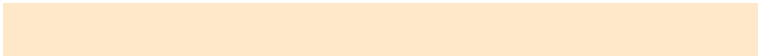
72.9488, 0.3096, 0.3596

Complementary

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



72.9488, 0.2787, 0.2956



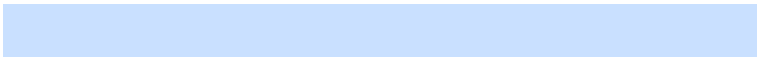
83.1310, 0.3493, 0.3603

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.



72.9488, 0.3307, 0.3665



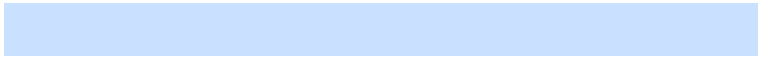
72.9488, 0.2787, 0.2956



72.9488, 0.3548, 0.3498

Square

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



72.9488, 0.2787, 0.2956



72.9488, 0.3356, 0.3147



72.9488, 0.3474, 0.3626



72.9488, 0.2898, 0.3436

Rectangle

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



72.9488, 0.2787, 0.2956



72.9488, 0.3076, 0.2977



72.9488, 0.3474, 0.3626



72.9488, 0.3167, 0.3631

Sweetspot

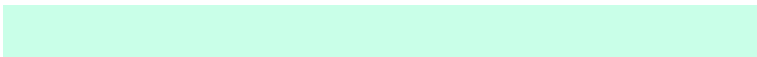
The Sweet Spot groups the original color and five complimentary colors.



72.9518, 0.2787, 0.2956



91.7473, 0.3035, 0.3204



89.7248, 0.2932, 0.3540



19.4516, 0.3024, 0.3194



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.



72.9518, 0.2787, 0.2956



68.7203, 0.2723, 0.2888



61.8758, 0.2793, 0.2702



18.6534, 0.2979, 0.3150



9.7600, 0.1706, 0.1340



1.1617, 0.1767, 0.1560

Inverse Universe

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



68.3843, 0.3378, 0.3057



63.7178, 0.3435, 0.3013



96.3101, 0.3424, 0.3825



18.1159, 0.3227, 0.3189



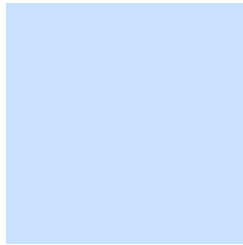
11.7132, 0.5272, 0.2678



1.1618, 0.4981, 0.2518

Previews

White Background



This preview shows how the Yxy color 72.9488, 0.2787, 0.2956 looks on a white background.

Color Contrast Check

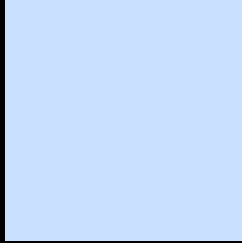
Large Text (above 18pt) WCAG AA × Fail

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 72.9488, 0.2787, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

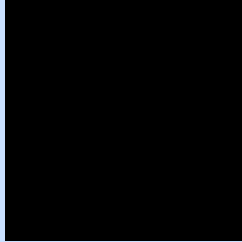
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

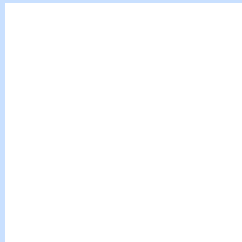
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9488, 0.2787, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 72.9488, 0.2787, 0.2956.



This preview shows how white text looks on a background with the Yxy color 72.9488, 0.2787, 0.2956.

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

72.9488, 0.2787, 0.2956

Protanopia

72.8136, 0.2898, 0.2952

Deuteranopia

72.5005, 0.2945, 0.2886



Tritanopia

73.0665, 0.2839, 0.3092

Trichromacy



Original Color

72.9488, 0.2787, 0.2956

Protanomaly

72.6536, 0.2860, 0.2949

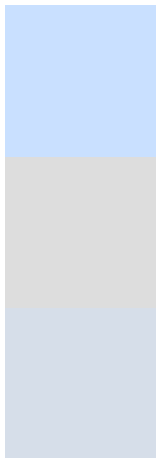
Deuteranomaly

72.6347, 0.2886, 0.2912

Tritanomaly

72.9071, 0.2821, 0.3039

Monochromacy



Original Color

72.9488, 0.2787, 0.2956

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 72.9488, 0.2787, 0.2956 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.9488, 0.2787, 0.2956 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, 224, 255) }
```

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

```
.border{ border-color:rgb(201, 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(201, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9488, 0.2787, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 255) }
```

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

```
.background{ background-color: rgb(201,  
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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