

Converting Colors

$Yxy(66.0478, 0.2781, 0.2806)$

Have a look what the booklet for
Yxy(66.0478, 0.2781, 0.2806)
contains.

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Color

Yxy(65.8697, 0.2783, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	CAD2FF
RGB	202, 210, 255
RGB Percent	79%, 82%, 100%
CMY	0.2079, 0.1764, 0.0001
CMYK	0.21, 0.18, 0.00, 0.00
HSL	231°, 100%, 90%
HSV	231°, 21%, 100%
XYZ	65.4464, 65.8697, 103.8488
YIQ	212.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

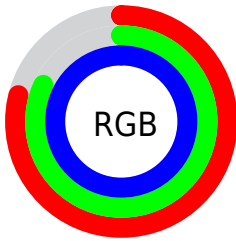
Format	Color
R _Y B	202, 209, 255
Decimal	13292287
CIE Lab	84.93, 6.48, -22.85
CIE LCh	85, 23.753, 285.830
Yxy	65.8697, 0.2783, 0.2801
Android (android.graphics.Color)	4291482367 (0xFFCAD2FF)
YUV	212.7380, 20.8352, -9.4172
Hunter-Lab	81.1602, 1.9096, -19.0527

Details

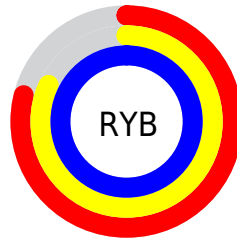
The Yxy color **65.8697, 0.2783, 0.2801** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.0061, 0.3457, 0.3736**, and the grayscale version is **66.2228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0572, 0.2699, 0.2695** is the 20% darker color. If you saturate the color by 10%, you get **52.6339, 0.2594, 0.2523**, and if you desaturate by 10%, it is **81.1424, 0.2958, 0.3052**.

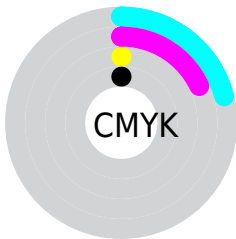
Distribution



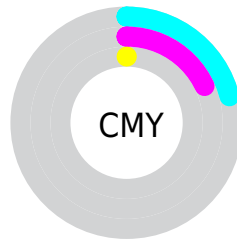
- Red (79%)
- Green (82%)
- Blue (100%)



- Red (79%)
- Yellow (82%)
- Blue (100%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8697, 0.2783, 0.2801 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 65.8697, 0.2783, 0.2801 by changing the saturation by 10% instead.

■ 65.8697, 0.2783,
0.2801

■ 65.8697, 0.2783,
0.2801

445.9107, 0.2945,
0.3026

■ 48.1666, 0.2746,
0.2750

113.2993, 0.2839,
0.2879

■ 33.9589, 0.2700,
0.2688

143.7946, 0.2861,
0.2909

■ 22.8620, 0.2641,
0.2609

179.3228, 0.2880,
0.2935

■ 14.4916, 0.2564,
0.2508

220.2683, 0.2896,
0.2958

■ 8.4634, 0.2460,
0.2372

267.0154, 0.2911,
0.2978

■ 4.3929, 0.2310,
0.2181

319.9486, 0.2923,

■ 1.8957, 0.2080,

0.2996

0.1898

379.4522, 0.2934,
0.3012

0.5458, 0.1688,
0.1361

0.0000, 0.0000,
0.0000

65.8697, 0.2783,
0.2801

65.8697, 0.2783,
0.2801

52.6339, 0.2594,
0.2523

81.1424, 0.2958,
0.3052

41.3408, 0.2395,
0.2221

98.5253, 0.3116,
0.3274

31.9002, 0.2193,
0.1905

99.9983, 0.3127,
0.3290

24.2119, 0.1999,
0.1590

■ 18.1659, 0.1825,
0.1292

■ 13.6392, 0.1683,
0.1034

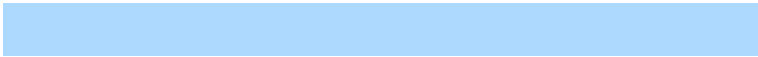
■ 10.4909, 0.1584,
0.0833

■ 8.6453, 0.1529,
0.0705

Harmonies

Analogous

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



65.8697, 0.2613, 0.2862



65.8697, 0.2783, 0.2801



65.8697, 0.3050, 0.2860

Triad

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



65.8697, 0.2783, 0.2801



65.8697, 0.3714, 0.3494



65.8697, 0.2893, 0.3583

Complementary

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



65.8697, 0.2783, 0.2801



92.0061, 0.3457, 0.3736

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.



65.8697, 0.3182, 0.3774



65.8697, 0.2783, 0.2801



65.8697, 0.3663, 0.3703

Square

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



65.8697, 0.2783, 0.2801



65.8697, 0.3598, 0.3247



65.8697, 0.3465, 0.3813



65.8697, 0.2674, 0.3307

Rectangle

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



65.8697, 0.2783, 0.2801



65.8697, 0.3252, 0.2957



65.8697, 0.3465, 0.3813



65.8697, 0.2985, 0.3661

Sweetspot

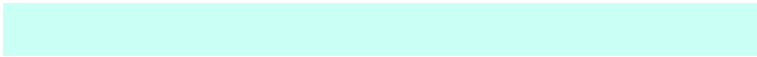
The Sweet Spot groups the original color and five complimentary colors.



65.8724, 0.2783, 0.2801



89.2079, 0.3035, 0.3162



90.7199, 0.2862, 0.3382



18.8528, 0.3025, 0.3147



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.



65.8724, 0.2783, 0.2801



60.0598, 0.2705, 0.2687



64.6127, 0.2898, 0.2731



17.8219, 0.2979, 0.3082



4.6502, 0.1534, 0.0723



0.5770, 0.1581, 0.0892

Inverse Universe

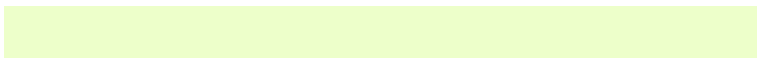
The Inverse Universe completely reimagines the original color for something new.



68.1425, 0.3484, 0.3209



62.8435, 0.3578, 0.3191



93.8245, 0.3325, 0.3830



18.0319, 0.3270, 0.3254



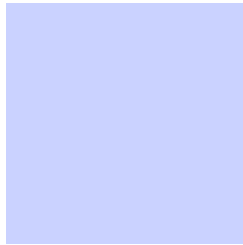
11.1974, 0.6195, 0.3186



1.1028, 0.5925, 0.3037

Previews

White Background



This preview shows how the Yxy color 65.8697, 0.2783, 0.2801 looks on a white background.

Color Contrast Check

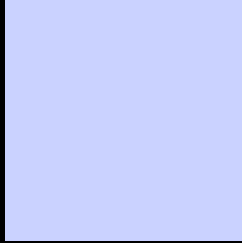
Large Text (above 18pt) WCAG AA × Fail

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 65.8697, 0.2783, 0.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

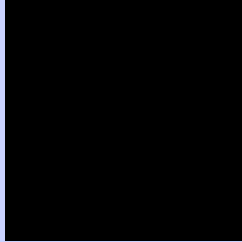
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8697, 0.2783, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 65.8697, 0.2783, 0.2801.



This preview shows how white text looks on a background with the Yxy color 65.8697, 0.2783, 0.2801.

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

65.8697, 0.2783, 0.2801

Protanopia

65.8697, 0.2783, 0.2801

Deuteranopia

65.6945, 0.2841, 0.2776



Tritanopia

65.8684, 0.2904, 0.3097

Trichromacy



Original Color

65.8697, 0.2783, 0.2801

Protanomaly

65.8697, 0.2783, 0.2801

Deuteranomaly

65.7416, 0.2821, 0.2784

Tritanomaly

66.0219, 0.2855, 0.2988

Monochromacy



Original Color

65.8697, 0.2783, 0.2801

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2437, 0.2999, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8697, 0.2783, 0.2801 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(202, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 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(202, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.8697, 0.2783, 0.2801 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(202, 210, 255) }
```

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

```
.border{ border-color:rgb(202, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8697, 0.2783, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 255) }
```

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

```
.background{ background-color: rgb(202,  
210, 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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