

Converting Colors

$Yxy(63.0728, 0.2777, 0.2791)$

Have a look what the booklet for
Yxy(63.0728, 0.2777, 0.2791)
contains.

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Color

Yxy(63.1134, 0.2777, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	C6CEFB
RGB	198, 206, 251
RGB Percent	78%, 81%, 98%
CMY	0.2236, 0.1921, 0.0156
CMYK	0.21, 0.18, 0.00, 0.02
HSL	231°, 87%, 88%
HSV	231°, 21%, 98%
XYZ	62.7743, 63.1134, 100.1631
YIQ	208.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

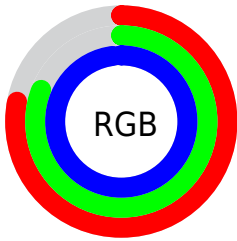
Format	Color
R_{YB}	198, 205, 251
Decimal	13029115
CIE Lab	83.50, 6.54, -22.96
CIE LCh	84, 23.870, 285.905
Yxy	63.1134, 0.2777, 0.2792
Android (android.graphics.Color)	4291219195 (0xFFC6CEFB)
YUV	208.7380, 20.8352, -9.4172
Hunter-Lab	79.4439, 2.0187, -19.1422

Details

The Yxy color $63.1134, 0.2777, 0.2792$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.7043, 0.3462, 0.3743$, and the grayscale version is $63.4536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1912, 0.2690, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $50.4076, 0.2588, 0.2513$, and if you desaturate by 10%, it is $77.7809, 0.2952, 0.3044$.

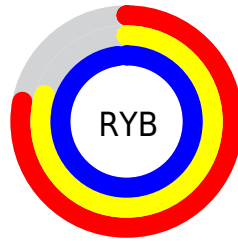
Distribution



Red (78%)

Green (81%)

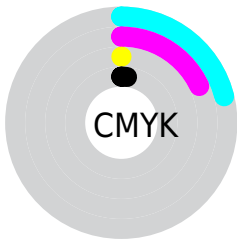
Blue (98%)



Red (78%)

Yellow (80%)

Blue (98%)

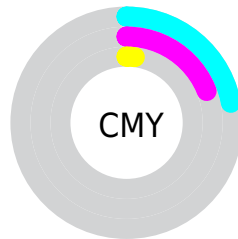


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1134, 0.2777, 0.2792 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 63.1134, 0.2777, 0.2792 by changing the saturation by 10% instead.

■ 63.1134, 0.2777,
0.2792

■ 63.1134, 0.2777,
0.2792

435.9809, 0.2943,
0.3023

■ 45.9330, 0.2739,
0.2740

109.3331, 0.2835,
0.2872

■ 32.1929, 0.2691,
0.2675

139.1411, 0.2857,
0.2903

■ 21.5089, 0.2630,
0.2593

173.9272, 0.2877,
0.2930

■ 13.4965, 0.2550,
0.2487

214.0756, 0.2893,
0.2953

■ 7.7713, 0.2440,
0.2344

259.9708, 0.2908,
0.2974

■ 3.9490, 0.2280,
0.2143

311.9971, 0.2921,

■ 1.6451, 0.2033,

0.2992

0.1840

370.5390, 0.2932,
0.3008

0.3877, 0.1562,
0.1147

0.0000, 0.0000,
0.0000

63.1134, 0.2777,
0.2792

63.1134, 0.2777,
0.2792

50.4076, 0.2588,
0.2513

77.7809, 0.2952,
0.3044

39.5724, 0.2389,
0.2211

94.4808, 0.3110,
0.3267

30.5208, 0.2187,
0.1895

99.7469, 0.3150,
0.3328

23.1559, 0.1993,
0.1580

■ 17.3711, 0.1820,
0.1283

■ 13.0478, 0.1679,
0.1027

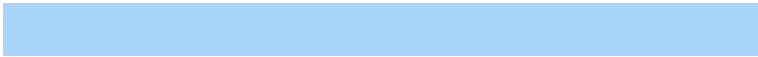
■ 10.0491, 0.1581,
0.0827

■ 8.3474, 0.1529,
0.0705

Harmonies

Analogous

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



63.1134, 0.2604, 0.2854



63.1134, 0.2777, 0.2792



63.1134, 0.3049, 0.2852

Triad

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



63.1134, 0.2777, 0.2792



63.1134, 0.3726, 0.3498



63.1134, 0.2888, 0.3589

Complementary

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



63.1134, 0.2777, 0.2792



88.7043, 0.3462, 0.3743

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.



63.1134, 0.3182, 0.3783



63.1134, 0.2777, 0.2792



63.1134, 0.3673, 0.3711

Square

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



63.1134, 0.2777, 0.2792



63.1134, 0.3608, 0.3246



63.1134, 0.3471, 0.3824



63.1134, 0.2665, 0.3307

Rectangle

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



63.1134, 0.2777, 0.2792



63.1134, 0.3255, 0.2952



63.1134, 0.3471, 0.3824



63.1134, 0.2981, 0.3668

Sweetspot

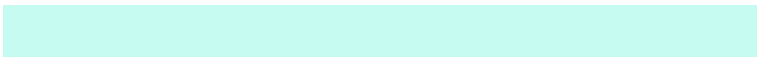
The Sweet Spot groups the original color and five complimentary colors.



63.1160, 0.2777, 0.2792



89.2034, 0.3035, 0.3162



87.4395, 0.2858, 0.3384



18.8517, 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.



63.1160, 0.2777, 0.2792



60.0450, 0.2705, 0.2686



61.9013, 0.2894, 0.2721



17.0660, 0.2979, 0.3082



4.5154, 0.1534, 0.0723



0.5397, 0.1584, 0.0902

Inverse Universe

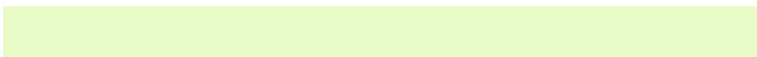
The Inverse Universe completely reimagines the original color for something new.



65.3563, 0.3491, 0.3208



62.8420, 0.3578, 0.3192



90.4720, 0.3328, 0.3839



17.2679, 0.3270, 0.3254



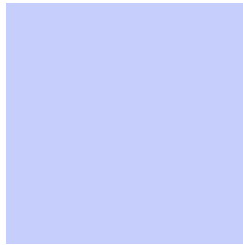
10.8667, 0.6194, 0.3186



1.0187, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 63.1134, 0.2777, 0.2792 looks on a white background.

Color Contrast Check

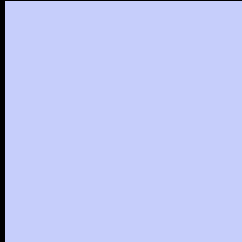
Large Text (above 18pt) WCAG AA × Fail

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 63.1134, 0.2777, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

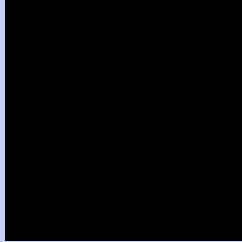
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1134, 0.2777, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 63.1134, 0.2777, 0.2792.



This preview shows how white text looks on a background with the Yxy color 63.1134, 0.2777, 0.2792.

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

63.1134, 0.2777, 0.2792

Protanopia

63.1134, 0.2777, 0.2792

Deuteranopia

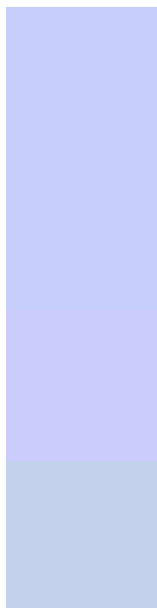
62.8620, 0.2823, 0.2756



Tritanopia

62.9767, 0.2893, 0.3093

Trichromacy



Original Color

63.1134, 0.2777, 0.2792

Protanomaly

63.1134, 0.2777, 0.2792

Deuteranomaly

62.9105, 0.2803, 0.2764

Tritanomaly

63.2592, 0.2850, 0.2983

Monochromacy



Original Color

63.1134, 0.2777, 0.2792

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4727, 0.2996, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1134, 0.2777, 0.2792 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(198, 206, 251)` looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 251)  
}
```

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(198, 206, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 251) }
```

Border

The CSS property to change the border of an element to Yxy 63.1134, 0.2777, 0.2792 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(198, 206, 251) }
```

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

```
.border{ border-color:rgb(198, 206, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 206, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 251);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1134, 0.2777, 0.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 251) }
```

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

```
.background{ background-color: rgb(198,  
206, 251) }
```

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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