

Converting Colors

$Yxy(63.0295, 0.2771, 0.2738)$

Have a look what the booklet for
Yxy(63.0295, 0.2771, 0.2738)
contains.

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Color

Yxy(63.3002, 0.2773, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	C9CDFF
RGB	201, 205, 255
RGB Percent	79%, 80%, 100%
CMY	0.2116, 0.1961, 0.0002
CMYK	0.21, 0.20, 0.00, 0.00
HSL	236°, 100%, 89%
HSV	236°, 21%, 100%
XYZ	63.9692, 63.3002, 103.4165
YIQ	209.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

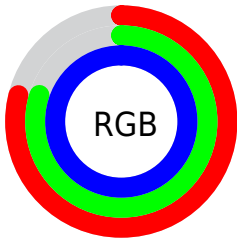
Format	Color
R _Y B	201, 205, 255
Decimal	13225471
CIE Lab	83.60, 8.86, -24.87
CIE LCh	84, 26.403, 289.616
Yxy	63.3002, 0.2773, 0.2744
Android (android.graphics.Color)	4291415551 (0xFFC9CDFF)
YUV	209.5040, 22.4295, -7.4580
Hunter-Lab	79.5614, 4.2856, -21.3740

Details

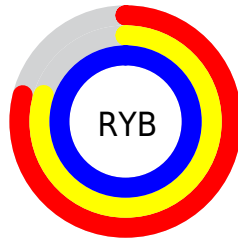
The Yxy color **63.3002, 0.2773, 0.2744** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.4578, 0.3455, 0.3783**, and the grayscale version is **63.9700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3214, 0.2684, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **49.5968, 0.2578, 0.2438**, and if you desaturate by 10%, it is **79.3009, 0.2951, 0.3020**.

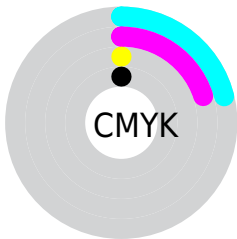
Distribution



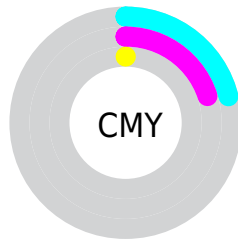
- Red (79%)
- Green (80%)
- Blue (100%)



- Red (79%)
- Yellow (80%)
- Blue (100%)



- Cyan (21%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3002, 0.2773, 0.2744 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 63.3002, 0.2773, 0.2744 by changing the saturation by 10% instead.

■ 63.3002, 0.2773,
0.2744

■ 63.3002, 0.2773,
0.2744

436.6582, 0.2941,
0.2995

■ 46.0841, 0.2734,
0.2687

109.6025, 0.2832,
0.2831

■ 32.3122, 0.2686,
0.2617

139.4575, 0.2854,
0.2865

■ 21.6001, 0.2624,
0.2530

174.2942, 0.2874,
0.2894

■ 13.5633, 0.2543,
0.2416

214.4971, 0.2891,
0.2919

■ 7.8176, 0.2432,
0.2265

260.4506, 0.2906,
0.2942

■ 3.9785, 0.2271,
0.2053

312.5390, 0.2919,

■ 1.6615, 0.2024,

0.2962

0.1741

371.1467, 0.2930,
0.2979

0.3986, 0.1591,
0.1065

0.0000, 0.0000,
0.0000

63.3002, 0.2773,
0.2744

63.3002, 0.2773,
0.2744

49.5968, 0.2578,
0.2438

79.3009, 0.2951,
0.3020

38.0779, 0.2371,
0.2109

97.6896, 0.3110,
0.3264

28.6327, 0.2161,
0.1769

99.9972, 0.3127,
0.3290

21.1377, 0.1960,
0.1437

■ 15.4561, 0.1782,
0.1137

■ 11.4335, 0.1643,
0.0892

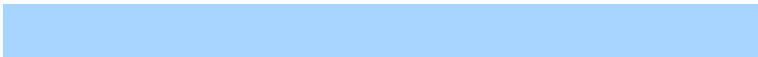
■ 8.8892, 0.1552,
0.0721

■ 7.6748, 0.1510,
0.0634

Harmonies

Analogous

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



63.3002, 0.2567, 0.2793



63.3002, 0.2773, 0.2744



63.3002, 0.3082, 0.2826

Triad

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



63.3002, 0.2773, 0.2744



63.3002, 0.3792, 0.3549



63.3002, 0.2826, 0.3586

Complementary

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



63.3002, 0.2773, 0.2744



94.4578, 0.3455, 0.3783

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.



63.3002, 0.3144, 0.3820



63.3002, 0.2773, 0.2744



63.3002, 0.3710, 0.3776

Square

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



63.3002, 0.2773, 0.2744



63.3002, 0.3685, 0.3274



63.3002, 0.3469, 0.3885



63.3002, 0.2596, 0.3267

Rectangle

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



63.3002, 0.2773, 0.2744



63.3002, 0.3310, 0.2943



63.3002, 0.3469, 0.3885



63.3002, 0.2926, 0.3679

Sweetspot

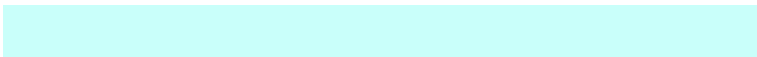
The Sweet Spot groups the original color and five complimentary colors.



63.3028, 0.2773, 0.2744



88.5003, 0.3035, 0.3150



90.8456, 0.2834, 0.3336



18.6862, 0.3025, 0.3134



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.



63.3028, 0.2773, 0.2744



57.7818, 0.2700, 0.2630



64.7741, 0.2925, 0.2725



17.5923, 0.2978, 0.3062



4.0886, 0.1513, 0.0645



0.4691, 0.1541, 0.0746

Inverse Universe

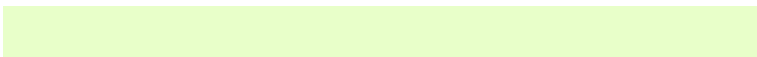
The Inverse Universe completely reimagines the original color for something new.



67.4487, 0.3525, 0.3250



62.6136, 0.3619, 0.3243



92.9485, 0.3299, 0.3846



18.0087, 0.3283, 0.3273



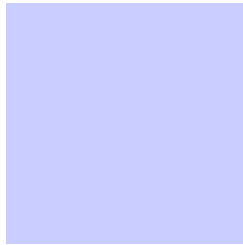
11.1407, 0.6325, 0.3258



1.0919, 0.6157, 0.3166

Previews

White Background



This preview shows how the Yxy color 63.3002, 0.2773, 0.2744 looks on a white background.

Color Contrast Check

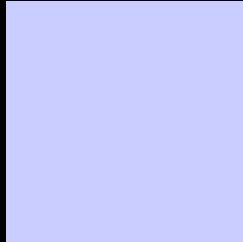
Large Text (above 18pt) WCAG AA × Fail

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 63.3002, 0.2773, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

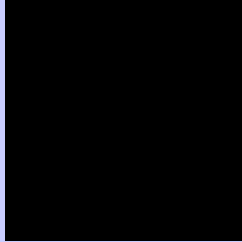
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3002, 0.2773, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 63.3002, 0.2773, 0.2744.

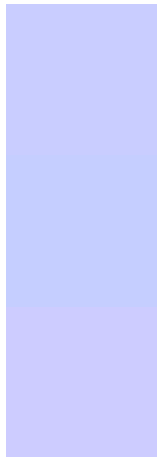


This preview shows how white text looks on a background with the Yxy color 63.3002, 0.2773, 0.2744.

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

63.3002, 0.2773, 0.2744

Protanopia

63.2329, 0.2747, 0.2751

Deuteranopia

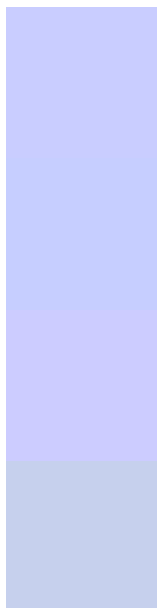
63.3849, 0.2798, 0.2736



Tritanopia

63.3750, 0.2914, 0.3094

Trichromacy



Original Color

63.3002, 0.2773, 0.2744

Protanomaly

63.3684, 0.2754, 0.2752

Deuteranomaly

63.2431, 0.2792, 0.2735

Tritanomaly

63.2319, 0.2864, 0.2962

Monochromacy



Original Color

63.3002, 0.2773, 0.2744

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8681, 0.2997, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3002, 0.2773, 0.2744 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 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, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.3002, 0.2773, 0.2744 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, 205, 255) }
```

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

```
.border{ border-color:rgb(201, 205, 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, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3002, 0.2773, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 255) }
```

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

```
.background{ background-color: rgb(201,  
205, 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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