

Converting Colors

$Yxy(70.3454, 0.2487, 0.2349)$

Have a look what the booklet for
Yxy(70.3454, 0.2487, 0.2349)
contains.

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Color

Yxy(66.6788, 0.2753, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	C5D5FF
RGB	197, 213, 255
RGB Percent	77%, 84%, 100%
CMY	0.2276, 0.1647, 0.0000
CMYK	0.23, 0.16, 0.00, 0.00
HSL	223°, 100%, 89%
HSV	223°, 23%, 100%
XYZ	64.8646, 66.6788, 104.0708
YIQ	213.0040, -23.0180, 9.6700

Conversions

Conversions Part 2

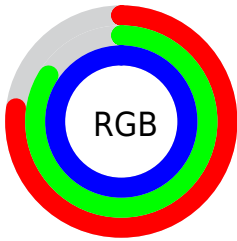
Format	Color
RYB	197, 210, 255
Decimal	12965375
CIELab	85.34, 3.39, -22.28
CIElCh	85, 22.539, 278.658
Yxy	66.6788, 0.2753, 0.2830
Android (android.graphics.Color)	4291155455 (0xFFC5D5FF)
YUV	213.0040, 20.7040, -14.0355
Hunter-Lab	81.6571, -1.1079, -18.4043

Details

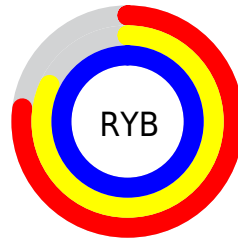
The Yxy color **66.6788, 0.2753, 0.2830** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.9946, 0.3505, 0.3711**, and the grayscale version is **66.4101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.2817, 0.2662, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **54.7654, 0.2571, 0.2590**, and if you desaturate by 10%, it is **80.2337, 0.2925, 0.3047**.

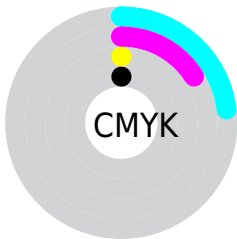
Distribution



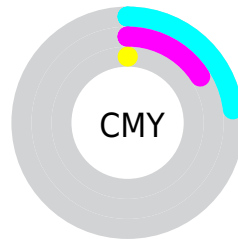
- Red (77%)
- Green (84%)
- Blue (100%)



- Red (77%)
- Yellow (82%)
- Blue (100%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6788, 0.2753, 0.2830 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 66.6788, 0.2753, 0.2830 by changing the saturation by 10% instead.

■ 66.6788, 0.2753,
0.2830

■ 66.6788, 0.2753,
0.2830

448.8006, 0.2927,
0.3042

■ 48.8236, 0.2713,
0.2782

114.4600, 0.2814,
0.2903

■ 34.4796, 0.2664,
0.2723

145.1549, 0.2837,
0.2932

■ 23.2623, 0.2601,
0.2648

180.8985, 0.2858,
0.2957

■ 14.7873, 0.2519,
0.2551

222.0752, 0.2875,
0.2978

■ 8.6702, 0.2409,
0.2421

269.0693, 0.2891,
0.2997

■ 4.5267, 0.2251,
0.2238

322.2653, 0.2904,

■ 1.9724, 0.2011,

0.3014

0.1964

382.0476, 0.2917,
0.3029

0.5913, 0.1595,
0.1463

0.0000, 0.0000,
0.0000

66.6788, 0.2753,
0.2830

66.6788, 0.2753,
0.2830

54.7654, 0.2571,
0.2590

80.2337, 0.2925,
0.3047

44.4237, 0.2384,
0.2330

95.4855, 0.3085,
0.3241

35.5865, 0.2197,
0.2056

100.0000, 0.3127,
0.3290

28.1794, 0.2020,
0.1777

■ 22.1210, 0.1862,
0.1506

■ 17.3205, 0.1731,
0.1256

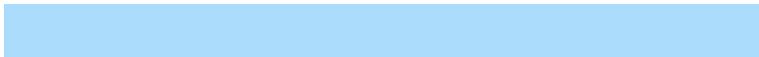
■ 13.6739, 0.1636,
0.1042

■ 11.6647, 0.1587,
0.0913

Harmonies

Analogous

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



66.6788, 0.2619, 0.2917



66.6788, 0.2753, 0.2830



66.6788, 0.2989, 0.2859

Triad

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



66.6788, 0.2753, 0.2830



66.6788, 0.3669, 0.3429



66.6788, 0.2968, 0.3620

Complementary

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



66.6788, 0.2753, 0.2830



86.9946, 0.3505, 0.3711

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.



66.6788, 0.3247, 0.3769



66.6788, 0.2753, 0.2830



66.6788, 0.3659, 0.3641

Square

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



66.6788, 0.2753, 0.2830



66.6788, 0.3525, 0.3195



66.6788, 0.3502, 0.3771



66.6788, 0.2739, 0.3372

Rectangle

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



66.6788, 0.2753, 0.2830



66.6788, 0.3177, 0.2937



66.6788, 0.3502, 0.3771



66.6788, 0.3059, 0.3684

Sweetspot

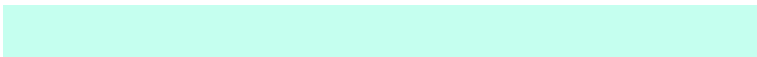
The Sweet Spot groups the original color and five complimentary colors.



66.6805, 0.2753, 0.2830



88.8058, 0.3019, 0.3162



89.5914, 0.2873, 0.3465



18.8100, 0.3009, 0.3150



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.



66.6805, 0.2753, 0.2830



61.4307, 0.2677, 0.2731



60.7707, 0.2825, 0.2663



18.1952, 0.2979, 0.3113



6.3083, 0.1595, 0.0940



0.7880, 0.1654, 0.1155

Inverse Universe

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



65.9813, 0.3469, 0.3127



60.8579, 0.3553, 0.3094



94.5023, 0.3388, 0.3876



18.0696, 0.3251, 0.3224



11.3648, 0.5850, 0.2996



1.1241, 0.5531, 0.2820

Previews

White Background



This preview shows how the Yxy color 66.6788, 0.2753, 0.2830 looks on a white background.

Color Contrast Check

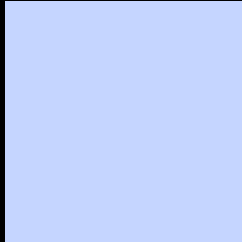
Large Text (above 18pt) WCAG AA × Fail

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 66.6788, 0.2753, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

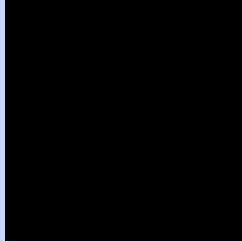
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6788, 0.2753, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 66.6788, 0.2753, 0.2830.



This preview shows how white text looks on a background with the Yxy color 66.6788, 0.2753, 0.2830.

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

66.6788, 0.2753, 0.2830

Protanopia

66.5817, 0.2803, 0.2824

Deuteranopia

66.3288, 0.2848, 0.2788



Tritanopia

66.9037, 0.2854, 0.3096

Trichromacy



Original Color

66.6788, 0.2753, 0.2830

Protanomaly

66.6602, 0.2784, 0.2832

Deuteranomaly

66.5786, 0.2816, 0.2805

Tritanomaly

66.9919, 0.2812, 0.2998

Monochromacy



Original Color

66.6788, 0.2753, 0.2830

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4553, 0.2985, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6788, 0.2753, 0.2830 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(197, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 213, 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(197, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.6788, 0.2753, 0.2830 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(197, 213, 255) }
```

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

```
.border{ border-color:rgb(197, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6788, 0.2753, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 213, 255) }
```

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

```
.background{ background-color: rgb(197,  
213, 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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