

Converting Colors

$Yxy(67.6876, 0.2795, 0.2977)$

Have a look what the booklet for
Yxy(67.6876, 0.2795, 0.2977)
contains.

Yxy(67.6876, 0.2795, 0.2977)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6876, 0.2795, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	C2D9F5
RGB	194, 217, 245
RGB Percent	76%, 85%, 96%
CMY	0.2392, 0.1490, 0.0391
CMYK	0.21, 0.11, 0.00, 0.04
HSL	213°, 72%, 86%
HSV	213°, 21%, 96%
XYZ	63.5495, 67.6876, 96.1314
YIQ	213.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

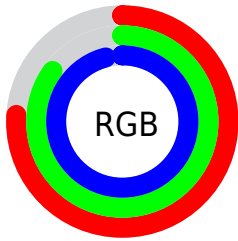
Format	Color
RYB	194, 210, 245
Decimal	12769781
CIELab	85.85, -1.79, -16.26
CIELCh	86, 16.361, 263.705
Yxy	67.6876, 0.2795, 0.2977
Android (android.graphics.Color)	4290959861 (0xFFC2D9F5)
YUV	213.3150, 15.6207, -16.9393
Hunter-Lab	82.2725, -6.0986, -11.6868

Details

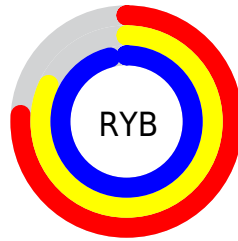
The Yxy color **67.6876, 0.2795, 0.2977** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5884, 0.3487, 0.3584**, and the grayscale version is **66.6704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **35.0902, 0.2716, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **58.0490, 0.2627, 0.2801**, and if you desaturate by 10%, it is **78.4328, 0.2958, 0.3136**.

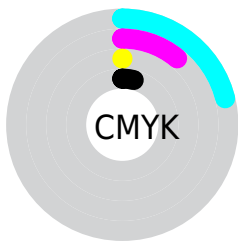
Distribution



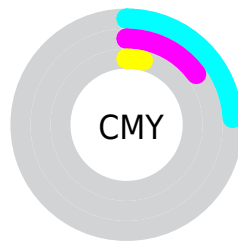
- Red (76%)
- Green (85%)
- Blue (96%)



- Red (76%)
- Yellow (82%)
- Blue (96%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6876, 0.2795, 0.2977 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 67.6876, 0.2795, 0.2977 by changing the saturation by 10% instead.

■ 67.6876, 0.2795,
0.2977

■ 67.6876, 0.2795,
0.2977

■ 452.3884, 0.2949,
0.3123

■ 49.6436, 0.2760,
0.2943

■ 115.9051, 0.2849,
0.3028

■ 35.1303, 0.2716,
0.2902

■ 146.8475, 0.2869,
0.3048

■ 23.7633, 0.2661,
0.2849

■ 182.8580, 0.2887,
0.3065

■ 15.1581, 0.2589,
0.2779

■ 224.3212, 0.2903,
0.3080

■ 8.9304, 0.2490,
0.2684

■ 271.6215, 0.2917,
0.3092

■ 4.6958, 0.2350,
0.2547

■ 325.1432, 0.2929,

■ 2.0699, 0.2132,

0.3104

0.2334

385.2707, 0.2940,
0.3114

0.6476, 0.1704,
0.1930

0.0000, 0.0000,
0.0000

67.6876, 0.2795,
0.2977

67.6876, 0.2795,
0.2977

58.0490, 0.2627,
0.2801

78.4328, 0.2958,
0.3136

49.4692, 0.2458,
0.2610

90.3138, 0.3115,
0.3279

41.9086, 0.2292,
0.2405

99.3749, 0.3185,
0.3385

35.3215, 0.2136,
0.2192

■ 29.6578, 0.1996,
0.1975

■ 24.8618, 0.1876,
0.1761

■ 20.8691, 0.1783,
0.1558

■ 17.8259, 0.1718,
0.1386

Harmonies

Analogous

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



67.6876, 0.2742, 0.3085



67.6876, 0.2795, 0.2977



67.6876, 0.2935, 0.2954

Triad

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



67.6876, 0.2795, 0.2977



67.6876, 0.3478, 0.3309



67.6876, 0.3114, 0.3590

Complementary

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



67.6876, 0.2795, 0.2977



75.5884, 0.3487, 0.3584

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.



67.6876, 0.3313, 0.3647



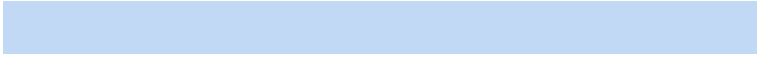
67.6876, 0.2795, 0.2977



67.6876, 0.3528, 0.3477

Square

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



67.6876, 0.2795, 0.2977



67.6876, 0.3331, 0.3142



67.6876, 0.3466, 0.3603



67.6876, 0.2922, 0.3443

Rectangle

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



67.6876, 0.2795, 0.2977



67.6876, 0.3062, 0.2985



67.6876, 0.3466, 0.3603



67.6876, 0.3182, 0.3620

Sweetspot

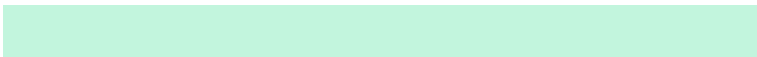
The Sweet Spot groups the original color and five complimentary colors.



67.6904, 0.2795, 0.2977



91.9645, 0.3035, 0.3207



82.0321, 0.2946, 0.3554



19.5029, 0.3024, 0.3198



0.0000, 0.0000, 0.0000



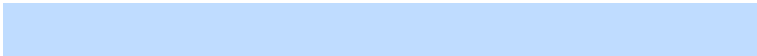
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6904, 0.2795, 0.2977



69.4958, 0.2724, 0.2905



56.8835, 0.2789, 0.2713



17.1559, 0.2980, 0.3156



9.8677, 0.1727, 0.1415



1.0695, 0.1793, 0.1655

Inverse Universe

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



63.0197, 0.3363, 0.3050



63.7961, 0.3423, 0.2998



88.3386, 0.3430, 0.3812



16.6066, 0.3223, 0.3184



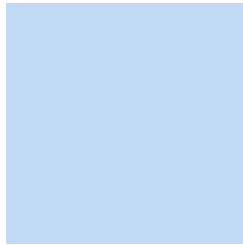
11.0955, 0.5170, 0.2622



0.9956, 0.4863, 0.2452

Previews

White Background



This preview shows how the Yxy color 67.6876, 0.2795, 0.2977 looks on a white background.

Color Contrast Check

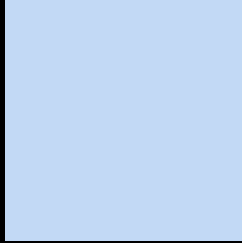
Large Text (above 18pt) WCAG AA × Fail

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 67.6876, 0.2795, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

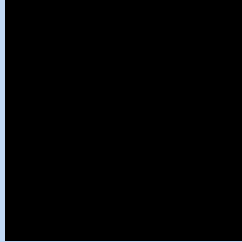
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

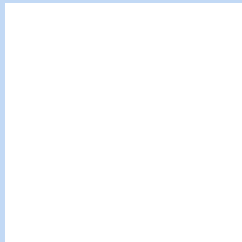
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6876, 0.2795, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 67.6876, 0.2795, 0.2977.



This preview shows how white text looks on a background with the Yxy color 67.6876, 0.2795, 0.2977.

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

67.6876, 0.2795, 0.2977

Protanopia

67.7009, 0.2916, 0.2974

Deuteranopia

67.5320, 0.2953, 0.2886



Tritanopia

67.9256, 0.2836, 0.3097

Trichromacy



Original Color

67.6876, 0.2795, 0.2977

Protanomaly

67.4016, 0.2870, 0.2971

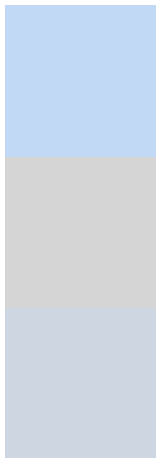
Deuteranomaly

67.5897, 0.2898, 0.2922

Tritanomaly

67.7123, 0.2825, 0.3053

Monochromacy



Original Color

67.6876, 0.2795, 0.2977

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6512, 0.2997, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6876, 0.2795, 0.2977 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(194, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 245)  
}
```

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(194, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 245) }
```

Border

The CSS property to change the border of an element to Yxy 67.6876, 0.2795, 0.2977 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(194, 217, 245) }
```

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

```
.border{ border-color:rgb(194, 217, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 217, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6876, 0.2795, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 245) }
```

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

```
.background{ background-color: rgb(194,  
217, 245) }
```

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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