

Converting Colors

$Yxy(69.5014, 0.2753, 0.2896)$

Have a look what the booklet for
Yxy(69.5014, 0.2753, 0.2896)
contains.

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Color

Yxy(69.6188, 0.2752, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	C4DBFF
RGB	196, 219, 255
RGB Percent	77%, 86%, 100%
CMY	0.2316, 0.1411, 0.0000
CMYK	0.23, 0.14, 0.00, 0.00
HSL	217°, 100%, 88%
HSV	217°, 23%, 100%
XYZ	66.1343, 69.6188, 104.5604
YIQ	216.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

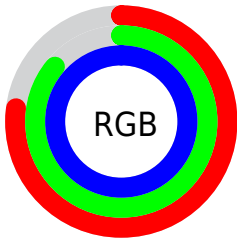
Format	Color
R _Y B	196, 213, 255
Decimal	12901375
CIE Lab	86.81, -0.08, -20.06
CIE LCh	87, 20.060, 269.768
Yxy	69.6188, 0.2752, 0.2897
Android (android.graphics.Color)	4291091455 (0xFFC4DBFF)
YUV	216.2270, 19.1151, -17.7391
Hunter-Lab	83.4379, -4.5342, -15.8929

Details

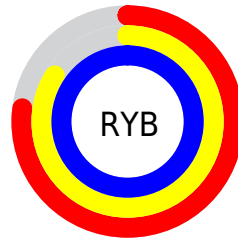
The Yxy color **69.6188, 0.2752, 0.2897** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.9101, 0.3527, 0.3654**, and the grayscale version is **68.7072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **36.2909, 0.2663, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **58.7571, 0.2578, 0.2696**, and if you desaturate by 10%, it is **81.8234, 0.2920, 0.3079**.

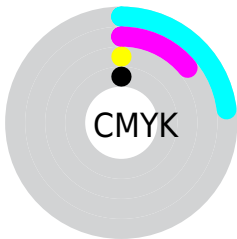
Distribution



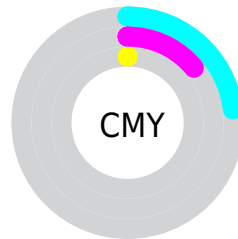
- Red (77%)
- Green (86%)
- Blue (100%)



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



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6188, 0.2752, 0.2897 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 69.6188, 0.2752, 0.2897 by changing the saturation by 10% instead.

■ 69.6188, 0.2752,
0.2897

■ 69.6188, 0.2752,
0.2897

459.2104, 0.2925,
0.3079

■ 51.2158, 0.2713,
0.2856

118.6650, 0.2812,
0.2960

■ 36.3804, 0.2664,
0.2805

150.0770, 0.2835,
0.2984

■ 24.7281, 0.2603,
0.2741

186.5941, 0.2855,
0.3005

■ 15.8746, 0.2524,
0.2658

228.6007, 0.2873,
0.3024

■ 9.4355, 0.2417,
0.2546

276.4813, 0.2888,
0.3040

■ 5.0263, 0.2266,
0.2387

330.6202, 0.2902,

■ 2.2627, 0.2038,

0.3054

0.2148

391.4017, 0.2914,
0.3067

0.7539, 0.1654,
0.1745

0.0000, 0.0000,
0.0000

69.6188, 0.2752,
0.2897

69.6188, 0.2752,
0.2897

58.7571, 0.2578,
0.2696

81.8234, 0.2920,
0.3079

49.1802, 0.2403,
0.2478

95.4100, 0.3079,
0.3242

40.8374, 0.2231,
0.2247

100.0000, 0.3127,
0.3290

33.6709, 0.2070,
0.2008

■ 27.6176, 0.1926,
0.1770

■ 22.6066, 0.1806,
0.1541

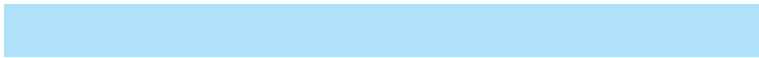
■ 18.5557, 0.1714,
0.1331

■ 16.2686, 0.1667,
0.1202

Harmonies

Analogous

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



69.6188, 0.2666, 0.3005



69.6188, 0.2752, 0.2897



69.6188, 0.2938, 0.2892

Triad

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



69.6188, 0.2752, 0.2897



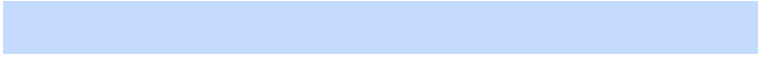
69.6188, 0.3578, 0.3353



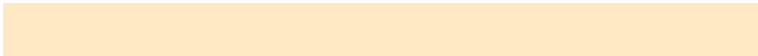
69.6188, 0.3059, 0.3628

Complementary

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



69.6188, 0.2752, 0.2897



82.9101, 0.3527, 0.3654

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.



69.6188, 0.3305, 0.3723



69.6188, 0.2752, 0.2897



69.6188, 0.3611, 0.3550

Square

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



69.6188, 0.2752, 0.2897



69.6188, 0.3418, 0.3149



69.6188, 0.3509, 0.3689



69.6188, 0.2838, 0.3431

Rectangle

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



69.6188, 0.2752, 0.2897



69.6188, 0.3097, 0.2943



69.6188, 0.3509, 0.3689



69.6188, 0.3142, 0.3673

Sweetspot

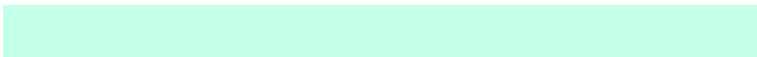
The Sweet Spot groups the original color and five complimentary colors.



69.6215, 0.2752, 0.2897



90.0275, 0.3019, 0.3182



89.0384, 0.2905, 0.3544



19.0925, 0.3009, 0.3172



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.



69.6215, 0.2752, 0.2897



64.2003, 0.2669, 0.2802



59.2075, 0.2771, 0.2642



18.5421, 0.2979, 0.3141



8.7699, 0.1676, 0.1232



1.0589, 0.1738, 0.1456

Inverse Universe

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



65.8280, 0.3424, 0.3056



60.1035, 0.3504, 0.3004



95.6598, 0.3439, 0.3878



18.1046, 0.3233, 0.3197



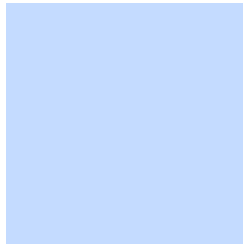
11.6133, 0.5422, 0.2760



1.1514, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 69.6188, 0.2752, 0.2897 looks on a white background.

Color Contrast Check

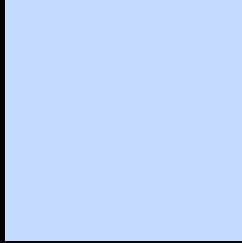
Large Text (above 18pt) WCAG AA × Fail

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 69.6188, 0.2752, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

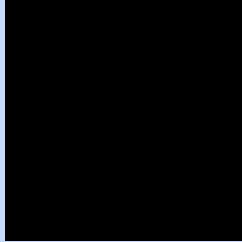
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

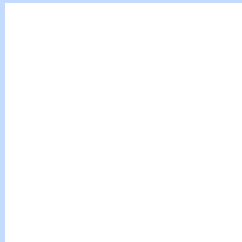
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6188, 0.2752, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 69.6188, 0.2752, 0.2897.



This preview shows how white text looks on a background with the Yxy color 69.6188, 0.2752, 0.2897.

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

69.6188, 0.2752, 0.2897

Protanopia

69.3308, 0.2856, 0.2893

Deuteranopia

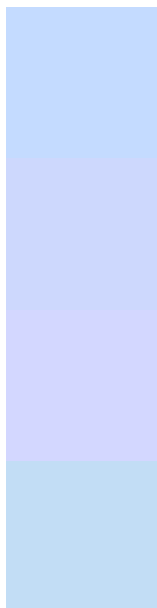
69.3670, 0.2897, 0.2838



Tritanopia

69.8120, 0.2827, 0.3099

Trichromacy



Original Color

69.6188, 0.2752, 0.2897

Protanomaly

69.1827, 0.2818, 0.2890

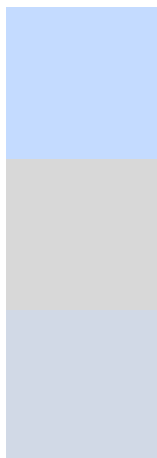
Deuteranomaly

69.6698, 0.2845, 0.2864

Tritanomaly

69.7748, 0.2798, 0.3023

Monochromacy



Original Color

69.6188, 0.2752, 0.2897

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8942, 0.2986, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6188, 0.2752, 0.2897 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(196, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 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(196, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.6188, 0.2752, 0.2897 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(196, 219, 255) }
```

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

```
.border{ border-color:rgb(196, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 219, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 219, 255); box-shadow:4px 4px 4px 4px rgb(196, 219, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6188, 0.2752, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 255) }
```

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

```
.background{ background-color: rgb(196,  
219, 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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