

Converting Colors

Yxy(61.3750, 0.2745, 0.2701)

Have a look what the booklet for
Yxy(61.3750, 0.2745, 0.2701)
contains.

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Color

Yxy(61.4668, 0.2750, 0.2707)

Conversions

Conversions Part 1

Format	Color
Hex	C6CAFF
RGB	198, 202, 255
RGB Percent	78%, 79%, 100%
CMY	0.2238, 0.2077, 0.0001
CMYK	0.22, 0.21, 0.00, 0.00
HSL	236°, 100%, 89%
HSV	236°, 22%, 100%
XYZ	62.4432, 61.4668, 103.1561
YIQ	206.8460, -19.3970, 15.6350

Conversions

Conversions Part 2

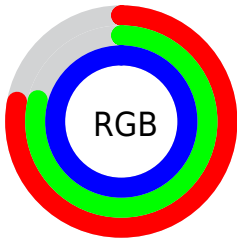
Format	Color
RYB	198, 202, 255
Decimal	13028095
CIELab	82.63, 9.54, -26.38
CIElCh	83, 28.051, 289.877
Yxy	61.4668, 0.2750, 0.2707
Android (android.graphics.Color)	4291218175 (0xFFC6CAFF)
YUV	206.8460, 23.7399, -7.7579
Hunter-Lab	78.4008, 4.9670, -23.1305

Details

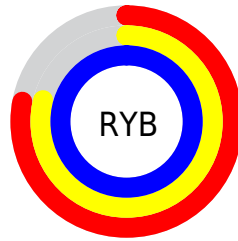
The Yxy color **61.4668, 0.2750, 0.2707** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2521, 0.3474, 0.3813**, and the grayscale version is **62.1420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0967, 0.2655, 0.2571** is the 20% darker color. If you saturate the color by 10%, you get **48.0217, 0.2553, 0.2397**, and if you desaturate by 10%, it is **77.2037, 0.2930, 0.2987**.

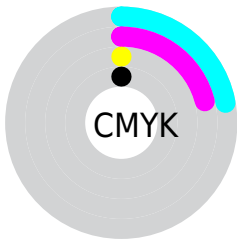
Distribution



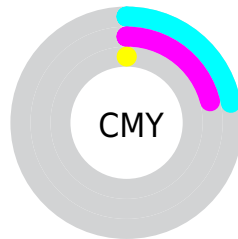
- Red (78%)
- Green (79%)
- Blue (100%)



- Red (78%)
- Yellow (79%)
- Blue (100%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4668, 0.2750, 0.2707 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 61.4668, 0.2750, 0.2707 by changing the saturation by 10% instead.

■ 61.4668, 0.2750,
0.2707

■ 61.4668, 0.2750,
0.2707

429.9835, 0.2929,
0.2976

■ 44.6020, 0.2708,
0.2646

106.9545, 0.2813,
0.2800

■ 31.1441, 0.2656,
0.2571

136.3463, 0.2837,
0.2836

■ 20.7086, 0.2590,
0.2477

170.6824, 0.2858,
0.2868

■ 12.9111, 0.2502,
0.2356

210.3474, 0.2876,
0.2895

■ 7.3674, 0.2382,
0.2193

255.7256, 0.2892,
0.2919

■ 3.6929, 0.2209,
0.1966

307.2014, 0.2906,

■ 1.5033, 0.1941,

0.2940

0.1633

365.1593, 0.2918,
0.2959

0.2911, 0.1445,
0.0826

0.0000, 0.0000,
0.0000

61.4668, 0.2750,
0.2707

61.4668, 0.2750,
0.2707

48.0217, 0.2553,
0.2397

77.2037, 0.2930,
0.2987

36.7544, 0.2345,
0.2065

95.3245, 0.3092,
0.3236

27.5523, 0.2135,
0.1725

99.9982, 0.3127,
0.3290

20.2898, 0.1936,
0.1395

■ 14.8275, 0.1762,
0.1100

■ 11.0072, 0.1629,
0.0864

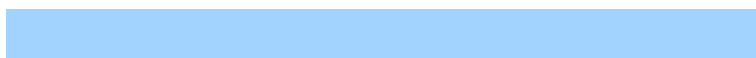
■ 8.6434, 0.1544,
0.0704

■ 7.6595, 0.1509,
0.0633

Harmonies

Analogous

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



61.4668, 0.2530, 0.2756



61.4668, 0.2750, 0.2707



61.4668, 0.3081, 0.2796

Triad

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



61.4668, 0.2750, 0.2707



61.4668, 0.3841, 0.3567



61.4668, 0.2801, 0.3605

Complementary

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



61.4668, 0.2750, 0.2707



94.2521, 0.3474, 0.3813

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.



61.4668, 0.3141, 0.3860



61.4668, 0.2750, 0.2707



61.4668, 0.3750, 0.3811

Square

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



61.4668, 0.2750, 0.2707



61.4668, 0.3728, 0.3274



61.4668, 0.3489, 0.3930



61.4668, 0.2557, 0.3261

Rectangle

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



61.4668, 0.2750, 0.2707



61.4668, 0.3325, 0.2921



61.4668, 0.3489, 0.3930



61.4668, 0.2907, 0.3706

Sweetspot

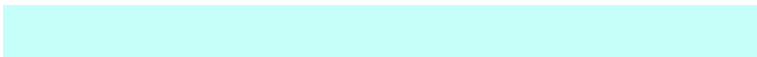
The Sweet Spot groups the original color and five complimentary colors.



61.4693, 0.2750, 0.2707



86.6495, 0.3019, 0.3125



90.4156, 0.2818, 0.3339



18.3122, 0.3010, 0.3110



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.



61.4693, 0.2750, 0.2707



54.9757, 0.2661, 0.2567



63.0618, 0.2911, 0.2689



17.5866, 0.2978, 0.3062



4.0787, 0.1512, 0.0644



0.4665, 0.1540, 0.0742

Inverse Universe

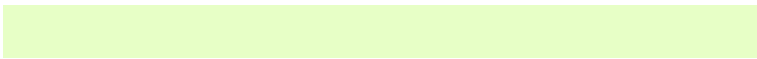
The Inverse Universe completely reimagines the original color for something new.



65.8810, 0.3555, 0.3249



60.2063, 0.3673, 0.3240



92.6002, 0.3308, 0.3880



18.0082, 0.3283, 0.3273



11.1397, 0.6327, 0.3259



1.0916, 0.6163, 0.3169

Previews

White Background



This preview shows how the Yxy color 61.4668, 0.2750, 0.2707 looks on a white background.

Color Contrast Check

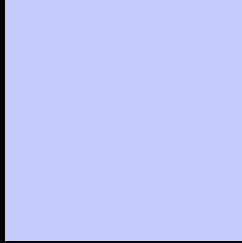
Large Text (above 18pt) WCAG AA × Fail

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 61.4668, 0.2750, 0.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

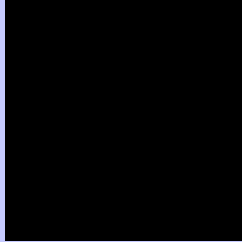
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4668, 0.2750, 0.2707

Background



This preview shows how black text looks on a background with the Yxy color 61.4668, 0.2750, 0.2707.



This preview shows how white text looks on a background with the Yxy color 61.4668, 0.2750, 0.2707.

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

61.4668, 0.2750, 0.2707

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

61.2726, 0.2763, 0.2697



Tritanopia

61.7000, 0.2904, 0.3103

Trichromacy



Original Color

61.4668, 0.2750, 0.2707

Protanomaly

61.5340, 0.2731, 0.2715

Deuteranomaly

61.1354, 0.2756, 0.2696

Tritanomaly

61.6101, 0.2848, 0.2958

Monochromacy



Original Color

61.4668, 0.2750, 0.2707

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8818, 0.2989, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4668, 0.2750, 0.2707 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 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(198, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.4668, 0.2750, 0.2707 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, 202, 255) }
```

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

```
.border{ border-color:rgb(198, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4668, 0.2750, 0.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 255) }
```

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

```
.background{ background-color: rgb(198,  
202, 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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