

Converting Colors

$Yxy(62.0037, 0.2768, 0.2839)$

Have a look what the booklet for
Yxy(62.0037, 0.2768, 0.2839)
contains.

Yxy(62.0029, 0.2767, 0.2839)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.0029, 0.2767, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	C0CEF6
RGB	192, 206, 246
RGB Percent	75%, 81%, 96%
CMY	0.2473, 0.1921, 0.0353
CMYK	0.22, 0.16, 0.00, 0.04
HSL	224°, 75%, 86%
HSV	224°, 22%, 96%
XYZ	60.4304, 62.0029, 95.9636
YIQ	206.3740, -21.1840, 9.4720

Conversions

Conversions Part 2

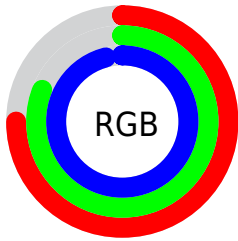
Format	Color
R _Y B	192, 203, 246
Decimal	12635894
CIE Lab	82.91, 3.58, -21.21
CIE LCh	83, 21.512, 279.590
Yxy	62.0029, 0.2767, 0.2839
Android (android.graphics.Color)	4290825974 (0xFFC0CEF6)
YUV	206.3740, 19.5356, -12.6060
Hunter-Lab	78.7419, -0.8086, -17.1380

Details

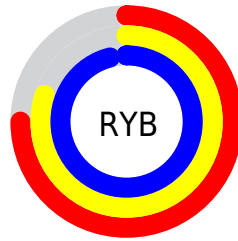
The Yxy color $62.0029, 0.2767, 0.2839$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.0537, 0.3488, 0.3704$, and the grayscale version is $61.8513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8797, 0.3090, 0.3290$, and $31.5775, 0.2678, 0.2728$ is the 20% darker color. If you saturate the color by 10%, you get $50.8016, 0.2585, 0.2596$, and if you desaturate by 10%, it is $74.7593, 0.2939, 0.3059$.

Distribution



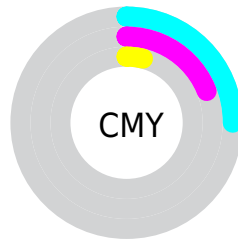
- Red (75%)
- Green (81%)
- Blue (96%)



- Red (75%)
- Yellow (80%)
- Blue (96%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0029, 0.2767, 0.2839 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 62.0029, 0.2767, 0.2839 by changing the saturation by 10% instead.

■ 62.0029, 0.2767,
0.2839

■ 62.0029, 0.2767,
0.2839

431.9417, 0.2937,
0.3050

■ 45.0350, 0.2727,
0.2790

■ 107.7297, 0.2827,
0.2912

■ 31.4850, 0.2678,
0.2730

137.2575, 0.2850,
0.2941

■ 20.9685, 0.2615,
0.2654

171.7407, 0.2870,
0.2965

■ 13.1010, 0.2532,
0.2555

211.5636, 0.2887,
0.2987

■ 7.4981, 0.2418,
0.2419

257.1108, 0.2902,
0.3005

■ 3.7755, 0.2253,
0.2225

308.7667, 0.2915,

■ 1.5488, 0.1994,

0.3022

0.1927

366.9155, 0.2927,
0.3037

0.3227, 0.1388,
0.1137

0.0000, 0.0000,
0.0000

62.0029, 0.2767,
0.2839

62.0029, 0.2767,
0.2839

50.8016, 0.2585,
0.2596

74.7593, 0.2939,
0.3059

41.0867, 0.2396,
0.2332

89.1208, 0.3097,
0.3254

32.7955, 0.2208,
0.2053

99.4333, 0.3179,
0.3376

25.8577, 0.2028,
0.1770

■ 20.1963, 0.1866,
0.1494

■ 15.7259, 0.1732,
0.1241

■ 12.3487, 0.1633,
0.1024

■ 10.3321, 0.1579,
0.0883

Harmonies

Analogous

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



62.0029, 0.2632, 0.2921



62.0029, 0.2767, 0.2839



62.0029, 0.3000, 0.2871

Triad

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



62.0029, 0.2767, 0.2839



62.0029, 0.3659, 0.3433



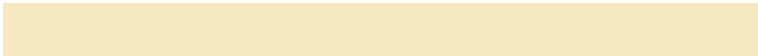
62.0029, 0.2964, 0.3606

Complementary

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



62.0029, 0.2767, 0.2839



81.0537, 0.3488, 0.3704

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.



62.0029, 0.3236, 0.3755



62.0029, 0.2767, 0.2839



62.0029, 0.3645, 0.3639

Square

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



62.0029, 0.2767, 0.2839



62.0029, 0.3523, 0.3204



62.0029, 0.3487, 0.3763



62.0029, 0.2742, 0.3362

Rectangle

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



62.0029, 0.2767, 0.2839



62.0029, 0.3185, 0.2949



62.0029, 0.3487, 0.3763



62.0029, 0.3052, 0.3670

Sweetspot

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



62.0054, 0.2767, 0.2839



88.6367, 0.3019, 0.3159



82.9067, 0.2877, 0.3448



18.7710, 0.3009, 0.3147



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.



62.0054, 0.2767, 0.2839



62.1325, 0.2694, 0.2743



57.2399, 0.2844, 0.2690



16.6288, 0.2979, 0.3110



5.7075, 0.1586, 0.0909



0.6619, 0.1651, 0.1144

Inverse Universe

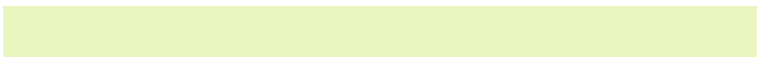
The Inverse Universe completely reimagines the original color for something new.



61.7201, 0.3461, 0.3142



61.9814, 0.3541, 0.3113



87.0968, 0.3372, 0.3855



16.5534, 0.3253, 0.3229



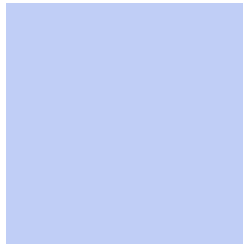
10.6755, 0.5898, 0.3022



0.9545, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 62.0029, 0.2767, 0.2839 looks on a white background.

Color Contrast Check

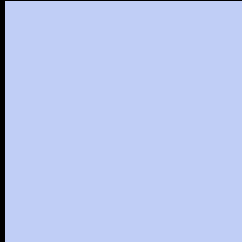
Large Text (above 18pt) WCAG AA × Fail

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 62.0029, 0.2767, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

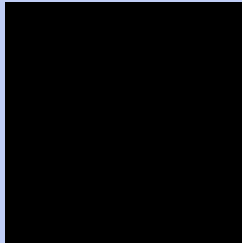
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0029, 0.2767, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 62.0029, 0.2767, 0.2839.



This preview shows how white text looks on a background with the Yxy color 62.0029, 0.2767, 0.2839.

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

62.0029, 0.2767, 0.2839

Protanopia

61.7841, 0.2812, 0.2831

Deuteranopia

62.0783, 0.2853, 0.2795



Tritanopia

61.7833, 0.2865, 0.3091

Trichromacy



Original Color

62.0029, 0.2767, 0.2839

Protanomaly

61.9910, 0.2799, 0.2841

Deuteranomaly

61.8448, 0.2819, 0.2802

Tritanomaly

61.8138, 0.2827, 0.3000

Monochromacy



Original Color

62.0029, 0.2767, 0.2839

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7806, 0.2987, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0029, 0.2767, 0.2839 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(192, 206, 246)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 246)  
}
```

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(192, 206, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.0029, 0.2767, 0.2839 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(192, 206, 246) }
```

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

```
.border{ border-color:rgb(192, 206, 246) }
```

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

Here you see how a box with a 4 pixel rgb(192, 206, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 246);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0029, 0.2767, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 246) }
```

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

```
.background{ background-color: rgb(192,  
206, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor