

Converting Colors

$Yxy(62.5767, 0.2757, 0.2786)$

Have a look what the booklet for
Yxy(62.5767, 0.2757, 0.2786)
contains.

Yxy(62.7098, 0.2758, 0.2790)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7098, 0.2758, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	C3CEFB
RGB	195, 206, 251
RGB Percent	76%, 81%, 98%
CMY	0.2351, 0.1922, 0.0159
CMYK	0.22, 0.18, 0.00, 0.02
HSL	228°, 87%, 87%
HSV	228°, 22%, 98%
XYZ	61.9905, 62.7098, 100.0660
YIQ	207.8410, -21.0010, 11.6630

Conversions

Conversions Part 2

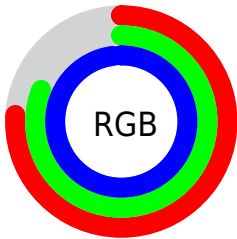
Format	Color
RYB	195, 204, 251
Decimal	12832507
CIELab	83.29, 5.64, -23.26
CIELCh	83, 23.934, 283.625
Yxy	62.7098, 0.2758, 0.2790
Android (android.graphics.Color)	4291022587 (0xFFC3CEFB)
YUV	207.8410, 21.2774, -11.2616
Hunter-Lab	79.1895, 1.1504, -19.4877

Details

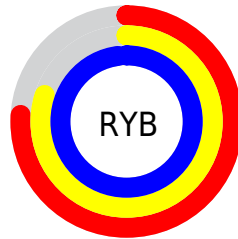
The Yxy color **62.7098, 0.2758, 0.2790** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7587, 0.3487, 0.3745**, and the grayscale version is **62.8420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **31.9270, 0.2665, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **50.5461, 0.2571, 0.2523**, and if you desaturate by 10%, it is **76.6873, 0.2933, 0.3031**.

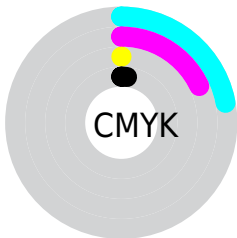
Distribution



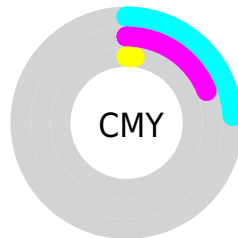
- Red (76%)
- Green (81%)
- Blue (98%)



- Red (76%)
- Yellow (80%)
- Blue (98%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7098, 0.2758, 0.2790 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 62.7098, 0.2758, 0.2790 by changing the saturation by 10% instead.

■ 62.7098, 0.2758,
0.2790

■ 62.7098, 0.2758,
0.2790

■ 434.5155, 0.2932,
0.3022

■ 45.6065, 0.2718,
0.2737

■ 108.7507, 0.2819,
0.2871

■ 31.9354, 0.2667,
0.2672

■ 138.4571, 0.2843,
0.2902

■ 21.3122, 0.2603,
0.2589

■ 173.1334, 0.2863,
0.2929

■ 13.3524, 0.2519,
0.2482

■ 213.1638, 0.2880,
0.2952

■ 7.6716, 0.2403,
0.2337

■ 258.9328, 0.2896,
0.2973

■ 3.8856, 0.2237,
0.2133

■ 310.8249, 0.2909,

■ 1.6098, 0.1979,

0.2991

0.1826

369.2243, 0.2922,
0.3008

0.3642, 0.1464,
0.1102

0.0000, 0.0000,
0.0000

62.7098, 0.2758,
0.2790

62.7098, 0.2758,
0.2790

50.5461, 0.2571,
0.2523

76.6873, 0.2933,
0.3031

40.1133, 0.2375,
0.2235

92.5416, 0.3093,
0.3245

31.3336, 0.2179,
0.1933

99.7422, 0.3150,
0.3329

24.1197, 0.1992,
0.1631

■ 18.3763, 0.1825,
0.1343

■ 13.9968, 0.1689,
0.1089

■ 10.8589, 0.1594,
0.0885

■ 9.1757, 0.1546,
0.0766

Harmonies

Analogous

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



62.7098, 0.2593, 0.2862



62.7098, 0.2758, 0.2790



62.7098, 0.3026, 0.2842

Triad

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



62.7098, 0.2758, 0.2790



62.7098, 0.3726, 0.3480



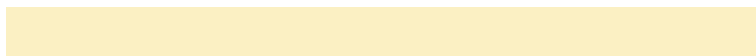
62.7098, 0.2907, 0.3609

Complementary

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



62.7098, 0.2758, 0.2790



86.7587, 0.3487, 0.3745

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.



62.7098, 0.3205, 0.3795



62.7098, 0.2758, 0.2790



62.7098, 0.3685, 0.3700

Square

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



62.7098, 0.2758, 0.2790



62.7098, 0.3595, 0.3227



62.7098, 0.3492, 0.3823



62.7098, 0.2676, 0.3329

Rectangle

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



62.7098, 0.2758, 0.2790



62.7098, 0.3232, 0.2937



62.7098, 0.3492, 0.3823



62.7098, 0.3003, 0.3686

Sweetspot

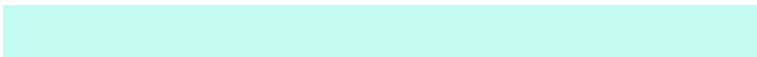
The Sweet Spot groups the original color and five complimentary colors.



62.7123, 0.2758, 0.2790



87.9537, 0.3019, 0.3147



86.8515, 0.2854, 0.3409



18.6132, 0.3010, 0.3134



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.



62.7123, 0.2758, 0.2790



58.8237, 0.2671, 0.2667



59.9787, 0.2866, 0.2684



17.1938, 0.2979, 0.3093



4.9839, 0.1552, 0.0788



0.6020, 0.1608, 0.0989

Inverse Universe

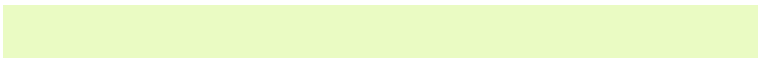
The Inverse Universe completely reimagines the original color for something new.



64.0044, 0.3496, 0.3177



60.5948, 0.3600, 0.3151



90.4314, 0.3351, 0.3869



17.2808, 0.3263, 0.3244



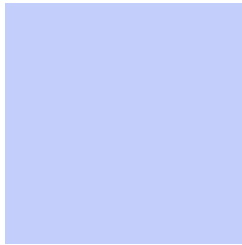
10.9140, 0.6088, 0.3128



1.0250, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 62.7098, 0.2758, 0.2790 looks on a white background.

Color Contrast Check

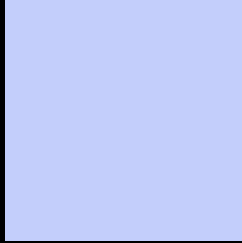
Large Text (above 18pt) WCAG AA × Fail

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 62.7098, 0.2758, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

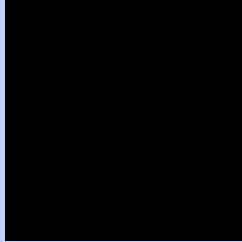
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7098, 0.2758, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 62.7098, 0.2758, 0.2790.



This preview shows how white text looks on a background with the Yxy color 62.7098, 0.2758, 0.2790.

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

62.7098, 0.2758, 0.2790

Protanopia

62.4980, 0.2770, 0.2780

Deuteranopia

62.7193, 0.2816, 0.2755



Tritanopia

62.5864, 0.2873, 0.3092

Trichromacy



Original Color

62.7098, 0.2758, 0.2790

Protanomaly

62.3634, 0.2763, 0.2779

Deuteranomaly

62.6315, 0.2790, 0.2762

Tritanomaly

62.8635, 0.2830, 0.2981

Monochromacy



Original Color

62.7098, 0.2758, 0.2790

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.7040, 0.2982, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7098, 0.2758, 0.2790 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(195, 206, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 251)  
}
```

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(195, 206, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 251) }
```

Border

The CSS property to change the border of an element to Yxy 62.7098, 0.2758, 0.2790 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(195, 206, 251) }
```

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

```
.border{ border-color:rgb(195, 206, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 206, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7098, 0.2758, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 251) }
```

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

```
.background{ background-color: rgb(195,  
206, 251) }
```

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