

Converting Colors

$Yxy(62.6805, 0.2664, 0.2722)$

Have a look what the booklet for
Yxy(62.6805, 0.2664, 0.2722)
contains.

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Color

Yxy(62.4104, 0.2684, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFFF
RGB	187, 207, 255
RGB Percent	73%, 81%, 100%
CMY	0.2669, 0.1882, 0.0000
CMYK	0.27, 0.19, 0.00, 0.00
HSL	222°, 100%, 87%
HSV	222°, 27%, 100%
XYZ	60.8462, 62.4104, 103.4430
YIQ	206.4920, -27.3280, 10.6880

Conversions

Conversions Part 2

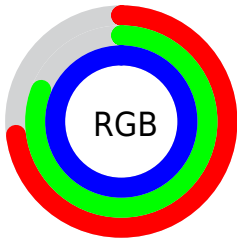
Format	Color
R_{YB}	187, 202, 255
Decimal	12308479
CIE Lab	83.13, 3.64, -25.70
CIE LCh	83, 25.952, 278.052
Yxy	62.4104, 0.2684, 0.2753
Android (android.graphics.Color)	4290498559 (0xFFBBCFFF)
YUV	206.4920, 23.9144, -17.0945
Hunter-Lab	79.0003, -0.7693, -22.3342

Details

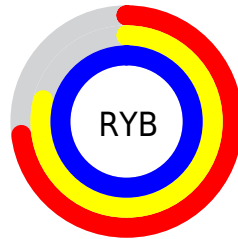
The Yxy color **62.4104, 0.2684, 0.2753** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2210, 0.3580, 0.3774**, and the grayscale version is **61.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **31.7652, 0.2575, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **51.2557, 0.2501, 0.2511**, and if you desaturate by 10%, it is **75.1331, 0.2859, 0.2973**.

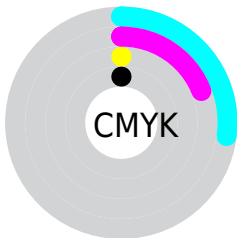
Distribution



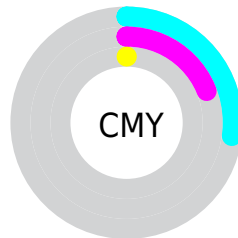
- Red (73%)
- Green (81%)
- Blue (100%)



- Red (73%)
- Yellow (79%)
- Blue (100%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4104, 0.2684, 0.2753 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 62.4104, 0.2684, 0.2753 by changing the saturation by 10% instead.

■ 62.4104, 0.2684,
0.2753

■ 62.4104, 0.2684,
0.2753

433.4265, 0.2892,
0.3003

■ 45.3644, 0.2636,
0.2696

■ 108.3185, 0.2757,
0.2840

■ 31.7445, 0.2576,
0.2626

137.9493, 0.2785,
0.2873

■ 21.1665, 0.2501,
0.2537

172.5439, 0.2809,
0.2902

■ 13.2457, 0.2402,
0.2422

212.4866, 0.2830,
0.2928

■ 7.5980, 0.2268,
0.2267

258.1618, 0.2849,
0.2950

■ 3.8388, 0.2076,
0.2049

309.9539, 0.2865,

■ 1.5838, 0.1786,

0.2970

0.1725

368.2474, 0.2879,
0.2987

0.3466, 0.1190,
0.0986

0.0000, 0.0000,
0.0000

62.4104, 0.2684,
0.2753

62.4104, 0.2684,
0.2753

51.2557, 0.2501,
0.2511

75.1331, 0.2859,
0.2973

41.5982, 0.2315,
0.2252

89.4758, 0.3024,
0.3171

33.3725, 0.2133,
0.1981

99.9998, 0.3127,
0.3290

26.5048, 0.1965,
0.1709

■ 20.9143, 0.1818,
0.1448

■ 16.5096, 0.1701,
0.1212

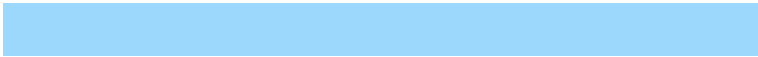
■ 13.1833, 0.1620,
0.1012

■ 12.2793, 0.1598,
0.0954

Harmonies

Analogous

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



62.4104, 0.2532, 0.2854



62.4104, 0.2684, 0.2753



62.4104, 0.2957, 0.2786

Triad

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



62.4104, 0.2684, 0.2753



62.4104, 0.3765, 0.3443



62.4104, 0.2945, 0.3687

Complementary

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



62.4104, 0.2684, 0.2753



84.2210, 0.3580, 0.3774

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.



62.4104, 0.3272, 0.3860



62.4104, 0.2684, 0.2753



62.4104, 0.3755, 0.3694

Square

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



62.4104, 0.2684, 0.2753



62.4104, 0.3591, 0.3171



62.4104, 0.3571, 0.3855



62.4104, 0.2676, 0.3391

Rectangle

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



62.4104, 0.2684, 0.2753



62.4104, 0.3177, 0.2875



62.4104, 0.3571, 0.3855



62.4104, 0.3051, 0.3762

Sweetspot

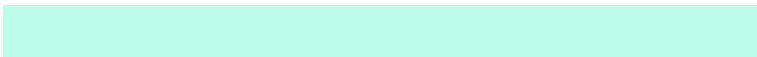
The Sweet Spot groups the original color and five complimentary colors.



62.4129, 0.2684, 0.2753



87.4978, 0.3003, 0.3146



88.0503, 0.2838, 0.3511



18.2506, 0.2979, 0.3117



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.



62.4129, 0.2684, 0.2753



56.2939, 0.2587, 0.2627



55.0962, 0.2755, 0.2539



18.2506, 0.2979, 0.3117



6.6401, 0.1606, 0.0982



0.8264, 0.1667, 0.1200

Inverse Universe

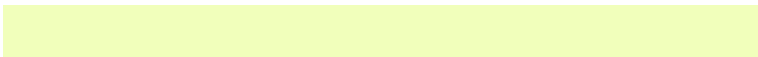
The Inverse Universe completely reimagines the original color for something new.



61.2850, 0.3536, 0.3084



55.3533, 0.3647, 0.3041



93.8724, 0.3440, 0.3980



18.0752, 0.3248, 0.3220



11.3983, 0.5787, 0.2961



1.1280, 0.5466, 0.2785

Previews

White Background



This preview shows how the Yxy color 62.4104, 0.2684, 0.2753 looks on a white background.

Color Contrast Check

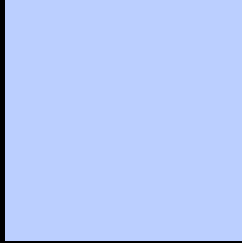
Large Text (above 18pt) WCAG AA × Fail

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 62.4104, 0.2684, 0.2753 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

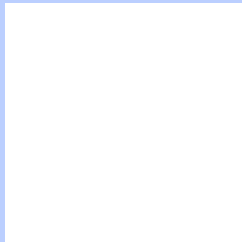
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4104, 0.2684, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 62.4104, 0.2684, 0.2753.



This preview shows how white text looks on a background with the Yxy color 62.4104, 0.2684, 0.2753.

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

62.4104, 0.2684, 0.2753

Protanopia

62.4903, 0.2751, 0.2759

Deuteranopia

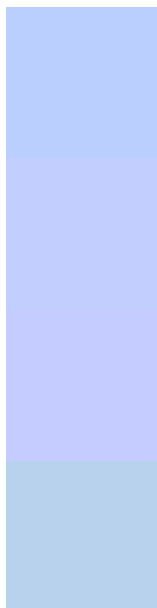
62.4884, 0.2778, 0.2722



Tritanopia

62.6892, 0.2808, 0.3090

Trichromacy



Original Color

62.4104, 0.2684, 0.2753

Protanomaly

62.6358, 0.2727, 0.2757

Deuteranomaly

62.2760, 0.2745, 0.2728

Tritanomaly

62.4566, 0.2766, 0.2966

Monochromacy



Original Color

62.4104, 0.2684, 0.2753

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6665, 0.2953, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4104, 0.2684, 0.2753 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(187, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 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(187, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.4104, 0.2684, 0.2753 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(187, 207, 255) }
```

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

```
.border{ border-color:rgb(187, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(187, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4104, 0.2684, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 255) }
```

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

```
.background{ background-color: rgb(187,  
207, 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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