

Converting Colors

Yxy(63.5336, 0.2719, 0.2860)

Have a look what the booklet for
Yxy(63.5336, 0.2719, 0.2860)
contains.

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Color

Yxy(63.3096, 0.2721, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	BAD2F8
RGB	186, 210, 248
RGB Percent	73%, 82%, 97%
CMY	0.2704, 0.1765, 0.0273
CMYK	0.25, 0.15, 0.00, 0.03
HSL	217°, 82%, 85%
HSV	217°, 25%, 97%
XYZ	60.2537, 63.3096, 97.8763
YIQ	207.1560, -26.5020, 6.7300

Conversions

Conversions Part 2

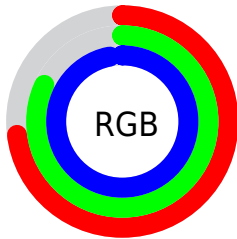
Format	Color
R _Y B	186, 203, 248
Decimal	12243704
CIE Lab	83.61, 0.19, -21.29
CIE LCh	84, 21.288, 270.511
Yxy	63.3096, 0.2721, 0.2859
Android (android.graphics.Color)	4290433784 (0xFFBAD2F8)
YUV	207.1560, 20.1361, -18.5538
Hunter-Lab	79.5673, -4.0706, -17.2359

Details

The Yxy color **63.3096, 0.2721, 0.2859** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.8787, 0.3561, 0.3686**, and the grayscale version is **62.3915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **32.4882, 0.2622, 0.2755** is the 20% darker color. If you saturate the color by 10%, you get **53.3051, 0.2547, 0.2653**, and if you desaturate by 10%, it is **74.5738, 0.2890, 0.3046**.

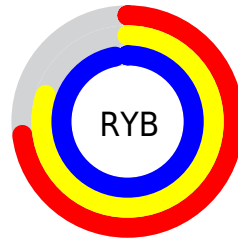
Distribution



Red (73%)

Green (82%)

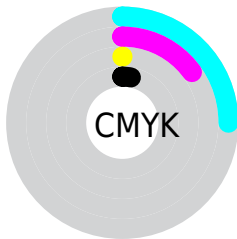
Blue (97%)



Red (73%)

Yellow (80%)

Blue (97%)

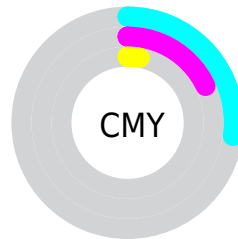


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3096, 0.2721, 0.2859 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 63.3096, 0.2721, 0.2859 by changing the saturation by 10% instead.

■ 63.3096, 0.2721,
0.2859

■ 63.3096, 0.2721,
0.2859

436.6922, 0.2911,
0.3061

■ 46.0917, 0.2677,
0.2812

■ 109.6160, 0.2787,
0.2930

■ 32.3182, 0.2623,
0.2755

139.4734, 0.2813,
0.2957

■ 21.6047, 0.2553,
0.2681

174.3127, 0.2835,
0.2980

■ 13.5667, 0.2463,
0.2585

214.5183, 0.2855,
0.3001

■ 7.8199, 0.2339,
0.2455

260.4747, 0.2871,
0.3019

■ 3.9799, 0.2162,
0.2267

312.5662, 0.2886,

■ 1.6623, 0.1889,

0.3034

0.1979

371.1773, 0.2900,
0.3048

0.3991, 0.1255,
0.1305

0.0000, 0.0000,
0.0000

63.3096, 0.2721,
0.2859

63.3096, 0.2721,
0.2859

53.3051, 0.2547,
0.2653

74.5738, 0.2890,
0.3046

44.5051, 0.2371,
0.2431

87.1351, 0.3051,
0.3214

36.8609, 0.2200,
0.2197

99.5593, 0.3167,
0.3357

30.3172, 0.2041,
0.1956

■ 24.8133, 0.1900,
0.1718

■ 20.2808, 0.1784,
0.1491

■ 16.6397, 0.1698,
0.1285

■ 15.1010, 0.1664,
0.1191

Harmonies

Analogous

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



63.3096, 0.2624, 0.2973



63.3096, 0.2721, 0.2859



63.3096, 0.2926, 0.2857

Triad

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



63.3096, 0.2721, 0.2859



63.3096, 0.3624, 0.3363



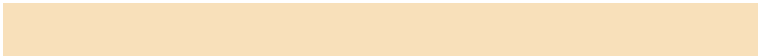
63.3096, 0.3045, 0.3658

Complementary

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



63.3096, 0.2721, 0.2859



76.8787, 0.3561, 0.3686

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.



63.3096, 0.3315, 0.3765



63.3096, 0.2721, 0.2859



63.3096, 0.3656, 0.3578

Square

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



63.3096, 0.2721, 0.2859



63.3096, 0.3451, 0.3141



63.3096, 0.3540, 0.3730



63.3096, 0.2806, 0.3438

Rectangle

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



63.3096, 0.2721, 0.2859



63.3096, 0.3101, 0.2915



63.3096, 0.3540, 0.3730



63.3096, 0.3135, 0.3708

Sweetspot

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



63.3121, 0.2721, 0.2859



89.9766, 0.3019, 0.3181



82.9421, 0.2889, 0.3566



19.0807, 0.3009, 0.3171



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.



63.3121, 0.2721, 0.2859



61.8728, 0.2633, 0.2757



53.1626, 0.2739, 0.2586



17.7417, 0.2979, 0.3140



8.4067, 0.1672, 0.1220



0.9771, 0.1738, 0.1455

Inverse Universe

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



59.7580, 0.3455, 0.3040



57.8559, 0.3543, 0.2986



89.5504, 0.3463, 0.3925



17.3361, 0.3233, 0.3199



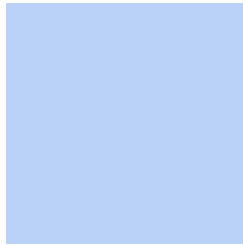
11.2596, 0.5438, 0.2770



1.0629, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 63.3096, 0.2721, 0.2859 looks on a white background.

Color Contrast Check

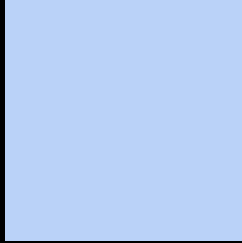
Large Text (above 18pt) WCAG AA × Fail

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 63.3096, 0.2721, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

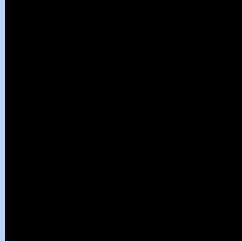
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

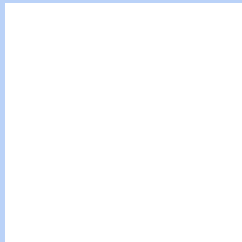
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3096, 0.2721, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 63.3096, 0.2721, 0.2859.



This preview shows how white text looks on a background with the Yxy color 63.3096, 0.2721, 0.2859.

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

63.3096, 0.2721, 0.2859

Protanopia

63.0758, 0.2821, 0.2845

Deuteranopia

62.9613, 0.2855, 0.2788



Tritanopia

63.2468, 0.2803, 0.3090

Trichromacy



Original Color

63.3096, 0.2721, 0.2859

Protanomaly

62.9431, 0.2782, 0.2842

Deuteranomaly

63.2615, 0.2802, 0.2815

Tritanomaly

63.2687, 0.2767, 0.3000

Monochromacy



Original Color

63.3096, 0.2721, 0.2859

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5278, 0.2967, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3096, 0.2721, 0.2859 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(186, 210, 248)` looks like.

```
.text, #text, p{  
    color:rgb(186, 210, 248)  
}
```

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(186, 210, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 210, 248) }
```

Border

The CSS property to change the border of an element to Yxy 63.3096, 0.2721, 0.2859 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(186, 210, 248) }
```

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

```
.border{ border-color:rgb(186, 210, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 210, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 210, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 210, 248);  
box-shadow:4px 4px 4px 4px rgb(186, 210,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3096, 0.2721, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 210, 248) }
```

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

```
.background{ background-color: rgb(186,  
210, 248) }
```

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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