

Converting Colors

Yxy(62.5183, 0.2671, 0.2849)

Have a look what the booklet for
Yxy(62.5183, 0.2671, 0.2849)
contains.

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Color

Yxy(62.5164, 0.2672, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	B3D2F9
RGB	179, 210, 249
RGB Percent	70%, 82%, 98%
CMY	0.2979, 0.1765, 0.0237
CMYK	0.28, 0.16, 0.00, 0.02
HSL	213°, 85%, 84%
HSV	213°, 28%, 98%
XYZ	58.7355, 62.5164, 98.5666
YIQ	205.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

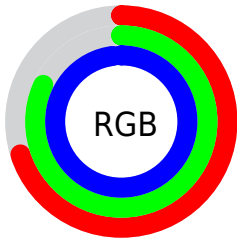
Format	Color
R _Y B	179, 200, 249
Decimal	11784953
CIE Lab	83.19, -1.65, -22.46
CIE LCh	83, 22.521, 265.804
Yxy	62.5164, 0.2672, 0.2844
Android (android.graphics.Color)	4289975033 (0xFFB3D2F9)
YUV	205.1770, 21.6047, -22.9572
Hunter-Lab	79.0673, -5.7682, -18.5648

Details

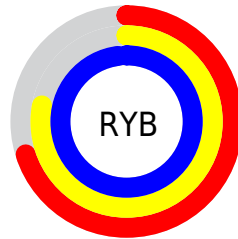
The Yxy color **62.5164, 0.2672, 0.2844** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.5276, 0.3634, 0.3698**, and the grayscale version is **61.0467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **31.9427, 0.2568, 0.2747** is the 20% darker color. If you saturate the color by 10%, you get **53.2600, 0.2502, 0.2654**, and if you desaturate by 10%, it is **72.9070, 0.2840, 0.3018**.

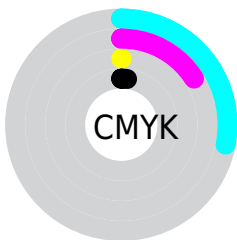
Distribution



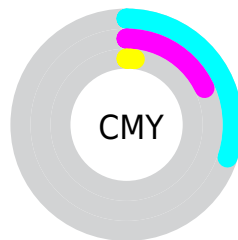
- Red (70%)
- Green (82%)
- Blue (98%)



- Red (70%)
- Yellow (78%)
- Blue (98%)



- Cyan (28%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (30%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5164, 0.2672, 0.2844 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 62.5164, 0.2672, 0.2844 by changing the saturation by 10% instead.

■ 62.5164, 0.2672,
0.2844

■ 62.5164, 0.2672,
0.2844

433.8123, 0.2885,
0.3054

■ 45.4501, 0.2623,
0.2795

■ 108.4715, 0.2746,
0.2917

■ 31.8121, 0.2562,
0.2735

138.1291, 0.2775,
0.2946

■ 21.2180, 0.2485,
0.2658

172.7526, 0.2800,
0.2970

■ 13.2835, 0.2384,
0.2558

212.7264, 0.2821,
0.2991

■ 7.6240, 0.2247,
0.2420

258.4349, 0.2840,
0.3010

■ 3.8553, 0.2052,
0.2223

310.2624, 0.2857,

■ 1.5930, 0.1754,

0.3026

0.1920

368.5934, 0.2872,
0.3041

0.3529, 0.0990,
0.1184

0.0000, 0.0000,
0.0000

62.5164, 0.2672,
0.2844

62.5164, 0.2672,
0.2844

53.2600, 0.2502,
0.2654

72.9070, 0.2840,
0.3018

45.0865, 0.2334,
0.2449

84.4654, 0.3002,
0.3175

37.9512, 0.2174,
0.2234

97.2329, 0.3156,
0.3315

31.8027, 0.2027,
0.2015

99.6176, 0.3162,
0.3348

■ 26.5843, 0.1901,
0.1797

■ 22.2308, 0.1799,
0.1588

■ 18.6589, 0.1724,
0.1396

■ 18.0472, 0.1711,
0.1361

Harmonies

Analogous

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



62.5164, 0.2590, 0.2982



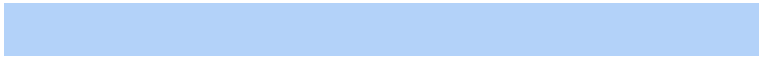
62.5164, 0.2672, 0.2844



62.5164, 0.2873, 0.2824

Triad

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



62.5164, 0.2672, 0.2844



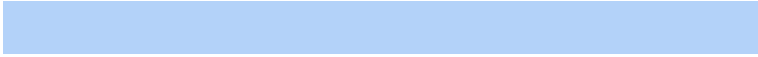
62.5164, 0.3635, 0.3329



62.5164, 0.3084, 0.3709

Complementary

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



62.5164, 0.2672, 0.2844



73.5276, 0.3634, 0.3698

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.



62.5164, 0.3368, 0.3799



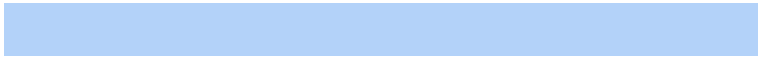
62.5164, 0.2672, 0.2844



62.5164, 0.3695, 0.3562

Square

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



62.5164, 0.2672, 0.2844



62.5164, 0.3432, 0.3097



62.5164, 0.3594, 0.3738



62.5164, 0.2821, 0.3489

Rectangle

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



62.5164, 0.2672, 0.2844



62.5164, 0.3053, 0.2874



62.5164, 0.3594, 0.3738



62.5164, 0.3181, 0.3756

Sweetspot

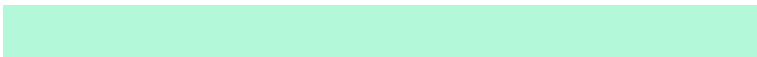
The Sweet Spot groups the original color and five complimentary colors.



62.5189, 0.2672, 0.2844



89.2961, 0.3003, 0.3177



82.3539, 0.2880, 0.3646



18.7019, 0.2979, 0.3154



0.0000, 0.0000, 0.0000



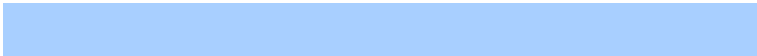
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5189, 0.2672, 0.2844



60.0578, 0.2571, 0.2733



49.0968, 0.2658, 0.2479



17.9083, 0.2979, 0.3154



9.9359, 0.1720, 0.1390



1.1278, 0.1783, 0.1619

Inverse Universe

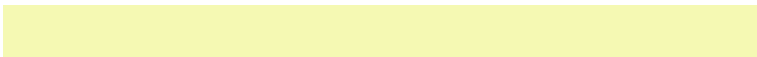
The Inverse Universe completely reimagines the original color for something new.



57.0375, 0.3474, 0.2966



53.8665, 0.3574, 0.2894



90.4847, 0.3529, 0.4000



17.3530, 0.3224, 0.3185



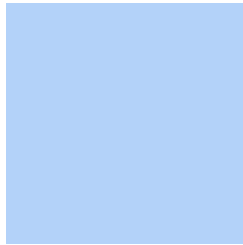
11.4139, 0.5204, 0.2640



1.0781, 0.4907, 0.2477

Previews

White Background



This preview shows how the Yxy color 62.5164, 0.2672, 0.2844 looks on a white background.

Color Contrast Check

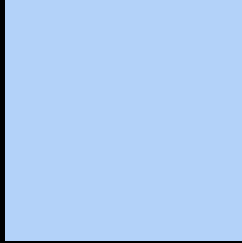
Large Text (above 18pt) WCAG AA × Fail

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 62.5164, 0.2672, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

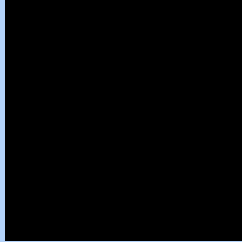
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

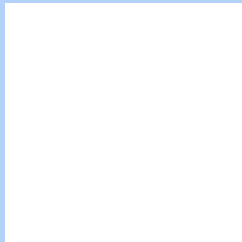
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5164, 0.2672, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 62.5164, 0.2672, 0.2844.



This preview shows how white text looks on a background with the Yxy color 62.5164, 0.2672, 0.2844.

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

62.5164, 0.2672, 0.2844

Protanopia

62.3222, 0.2807, 0.2832

Deuteranopia

62.1852, 0.2821, 0.2754



Tritanopia

62.4156, 0.2758, 0.3088

Trichromacy



Original Color

62.5164, 0.2672, 0.2844

Protanomaly

62.4174, 0.2756, 0.2839

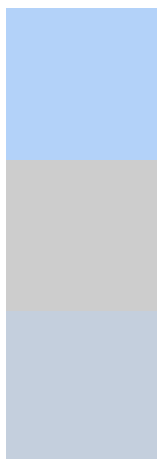
Deuteranomaly

62.3005, 0.2769, 0.2789

Tritanomaly

62.4315, 0.2723, 0.2997

Monochromacy



Original Color

62.5164, 0.2672, 0.2844

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5819, 0.2952, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5164, 0.2672, 0.2844 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(179, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(179, 210, 249)  
}
```

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(179, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 210, 249) }
```

Border

The CSS property to change the border of an element to Yxy 62.5164, 0.2672, 0.2844 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(179, 210, 249) }
```

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

```
.border{ border-color:rgb(179, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(179, 210,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5164, 0.2672, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 210, 249) }
```

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

```
.background{ background-color: rgb(179,  
210, 249) }
```

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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