

Converting Colors

$Yxy(62.2555, 0.2670, 0.2983)$

Have a look what the booklet for
Yxy(62.2555, 0.2670, 0.2983)
contains.

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Color

Yxy(62.2555, 0.2670, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	A9D5EF
RGB	169, 213, 239
RGB Percent	66%, 84%, 94%
CMY	0.3375, 0.1646, 0.0628
CMYK	0.29, 0.11, 0.00, 0.06
HSL	202°, 69%, 80%
HSV	202°, 29%, 94%
XYZ	55.7232, 62.2555, 90.7223
YIQ	202.8080, -34.5700, -1.2420

Conversions

Conversions Part 2

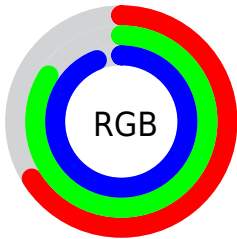
Format	Color
R_{YB}	169, 196, 239
Decimal	11130351
CIE _{Lab}	83.05, -8.46, -17.42
CIE _{LCh}	83, 19.369, 244.098
Yxy	62.2555, 0.2670, 0.2983
Android (android.graphics.Color)	4289320431 (0xFFA9D5EF)
YUV	202.8080, 17.8427, -29.6496
Hunter-Lab	78.9022, -12.0165, -12.9406

Details

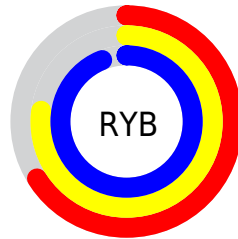
The Yxy color **62.2555, 0.2670, 0.2983** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1917, 0.3699, 0.3577**, and the grayscale version is **59.4902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **31.5175, 0.2560, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **55.5182, 0.2518, 0.2859**, and if you desaturate by 10%, it is **69.7240, 0.2826, 0.3098**.

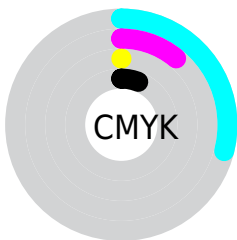
Distribution



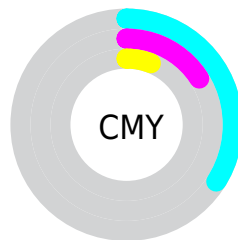
- Red (66%)
- Green (84%)
- Blue (94%)



- Red (66%)
- Yellow (77%)
- Blue (94%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2555, 0.2670, 0.2983 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 62.2555, 0.2670, 0.2983 by changing the saturation by 10% instead.

■ 62.2555, 0.2670,
0.2983

■ 62.2555, 0.2670,
0.2983

432.8625, 0.2884,
0.3131

■ 45.2392, 0.2621,
0.2948

■ 108.0947, 0.2745,
0.3035

■ 31.6459, 0.2560,
0.2904

137.6864, 0.2774,
0.3055

■ 21.0911, 0.2482,
0.2847

172.2387, 0.2798,
0.3072

■ 13.1906, 0.2380,
0.2772

212.1359, 0.2820,
0.3087

■ 7.5600, 0.2242,
0.2666

257.7625, 0.2839,
0.3100

■ 3.8147, 0.2043,
0.2509

309.5029, 0.2856,

■ 1.5705, 0.1737,

0.3112

367.7414, 0.2871,
0.3122

0.2254

0.3376, 0.0524,
0.1548

0.0000, 0.0000,
0.0000

62.2555, 0.2670,
0.2983

62.2555, 0.2670,
0.2983

55.5182, 0.2518,
0.2859

69.7240, 0.2826,
0.3098

49.4746, 0.2373,
0.2726

77.9445, 0.2983,
0.3202

44.0942, 0.2241,
0.2587

86.9457, 0.3138,
0.3296

39.3410, 0.2124,
0.2444

94.9003, 0.3226,
0.3382

■ 35.1740, 0.2027,
0.2299

■ 99.0107, 0.3220,
0.3444

■ 31.5456, 0.1951,
0.2156

■ 28.3833, 0.1894,
0.2016

■ 28.1758, 0.1891,
0.2007

Harmonies

Analogous

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



62.2555, 0.2684, 0.3167



62.2555, 0.2670, 0.2983



62.2555, 0.2773, 0.2889

Triad

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



62.2555, 0.2670, 0.2983



62.2555, 0.3448, 0.3177



62.2555, 0.3271, 0.3718

Complementary

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



62.2555, 0.2670, 0.2983



60.1917, 0.3699, 0.3577

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.



62.2555, 0.3485, 0.3703



62.2555, 0.2670, 0.2983



62.2555, 0.3592, 0.3383

Square

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



62.2555, 0.2670, 0.2983



62.2555, 0.3218, 0.3003



62.2555, 0.3605, 0.3576



62.2555, 0.3024, 0.3605

Rectangle

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



62.2555, 0.2670, 0.2983



62.2555, 0.2896, 0.2884



62.2555, 0.3605, 0.3576



62.2555, 0.3349, 0.3727

Sweetspot

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



62.2580, 0.2670, 0.2983



90.5972, 0.2987, 0.3205



74.0708, 0.2942, 0.3822



19.0811, 0.2965, 0.3190



0.0000, 0.0000, 0.0000



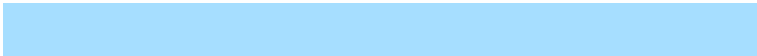
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2580, 0.2670, 0.2983



67.5026, 0.2581, 0.2912



46.6097, 0.2623, 0.2552



16.8869, 0.2980, 0.3200



15.8334, 0.1897, 0.2029



1.5069, 0.1948, 0.2213

Inverse Universe

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



51.5047, 0.3377, 0.2815



53.7115, 0.3442, 0.2719



77.6017, 0.3596, 0.3933



15.9263, 0.3195, 0.3142



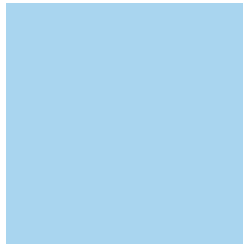
11.3917, 0.4420, 0.2209



0.9668, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 62.2555, 0.2670, 0.2983 looks on a white background.

Color Contrast Check

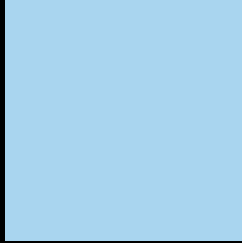
Large Text (above 18pt) WCAG AA × Fail

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 62.2555, 0.2670, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

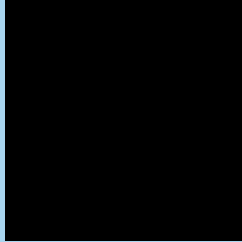
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2555, 0.2670, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 62.2555, 0.2670, 0.2983.



This preview shows how white text looks on a background with the Yxy color 62.2555, 0.2670, 0.2983.

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

62.2555, 0.2670, 0.2983

Protanopia

62.1597, 0.2909, 0.2962

Deuteranopia

61.6795, 0.2912, 0.2848



Tritanopia

62.0781, 0.2704, 0.3085

Trichromacy



Original Color

62.2555, 0.2670, 0.2983

Protanomaly

62.1150, 0.2816, 0.2968

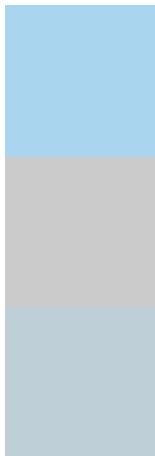
Deuteranomaly

61.4232, 0.2816, 0.2892

Tritanomaly

62.3585, 0.2693, 0.3051

Monochromacy



Original Color

62.2555, 0.2670, 0.2983

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.6599, 0.2949, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2555, 0.2670, 0.2983 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(169, 213, 239)` looks like.

```
.text, #text, p{  
    color:rgb(169, 213, 239)  
}
```

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(169, 213, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 213, 239) }
```

Border

The CSS property to change the border of an element to Yxy 62.2555, 0.2670, 0.2983 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(169, 213, 239) }
```

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

```
.border{ border-color:rgb(169, 213, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 213, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 213, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 213, 239);  
box-shadow:4px 4px 4px 4px rgb(169, 213,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2555, 0.2670, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 213, 239) }
```

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

```
.background{ background-color: rgb(169,  
213, 239) }
```

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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