

Converting Colors

Yxy(62.1348, 0.2603, 0.2902)

Have a look what the booklet for
Yxy(62.1348, 0.2603, 0.2902)
contains.

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Color

Yxy(62.1348, 0.2603, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	A4D5F6
RGB	164, 213, 246
RGB Percent	64%, 84%, 96%
CMY	0.3570, 0.1647, 0.0353
CMYK	0.33, 0.13, 0.00, 0.04
HSL	204°, 82%, 80%
HSV	204°, 33%, 96%
XYZ	55.7329, 62.1348, 96.2426
YIQ	202.1110, -39.7970, -0.1250

Conversions

Conversions Part 2

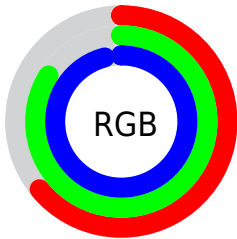
Format	Color
RYB	164, 195, 246
Decimal	10802678
CIELab	82.99, -8.16, -21.28
CIELCh	83, 22.788, 249.015
Yxy	62.1348, 0.2603, 0.2902
Android (android.graphics.Color)	4288992758 (0xFFA4D5F6)
YUV	202.1110, 21.6373, -33.4233
Hunter-Lab	78.8256, -11.7381, -17.2125

Details

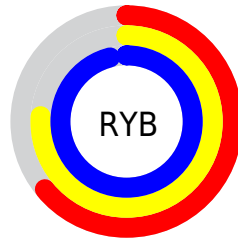
The Yxy color **62.1348, 0.2603, 0.2902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.1841, 0.3791, 0.3646**, and the grayscale version is **59.0141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.4226, 0.2472, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **54.9427, 0.2450, 0.2762**, and if you desaturate by 10%, it is **70.1415, 0.2761, 0.3031**.

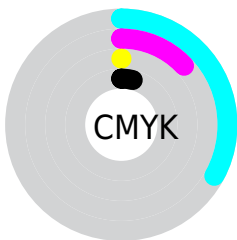
Distribution



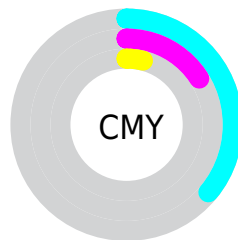
- Red (64%)
- Green (84%)
- Blue (96%)



- Red (64%)
- Yellow (76%)
- Blue (96%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)




- Cyan (36%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1348, 0.2603, 0.2902 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 62.1348, 0.2603, 0.2902 by changing the saturation by 10% instead.


 62.1348, 0.2603,
0.2902


 62.1348, 0.2603,
0.2902


432.4226, 0.2848,
0.3088

 45.1416, 0.2547,
0.2858

 107.9203, 0.2688,
0.2968

 31.5690, 0.2478,
0.2804


 137.4815, 0.2721,
0.2993

 21.0325, 0.2390,
0.2734


172.0007, 0.2750,
0.3014

 13.1478, 0.2276,
0.2641

211.8625, 0.2774,
0.3033

 7.5304, 0.2121,
0.2512

257.4512, 0.2796,
0.3049

 3.7959, 0.1902,
0.2324

309.1512, 0.2815,

 1.5601, 0.1574,

0.3064

0.2028

367.3469, 0.2832,
0.3076

0.3305, 0.0444,
0.1276

0.0000, 0.0000,
0.0000

62.1348, 0.2603,
0.2902

62.1348, 0.2603,
0.2902

54.9427, 0.2450,
0.2762

70.1415, 0.2761,
0.3031

48.5232, 0.2306,
0.2614

78.9877, 0.2919,
0.3150

42.8409, 0.2174,
0.2460

88.7059, 0.3076,
0.3257

37.8540, 0.2060,
0.2302

97.9003, 0.3181,
0.3353

■ 33.5145, 0.1967,
0.2144

■ 99.4338, 0.3179,
0.3376

■ 29.7653, 0.1896,
0.1990

■ 27.5444, 0.1859,
0.1890

Harmonies

Analogous

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



62.1348, 0.2596, 0.3102



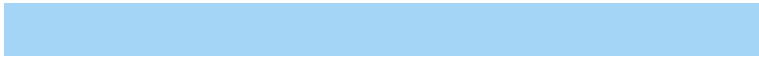
62.1348, 0.2603, 0.2902



62.1348, 0.2743, 0.2814

Triad

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



62.1348, 0.2603, 0.2902



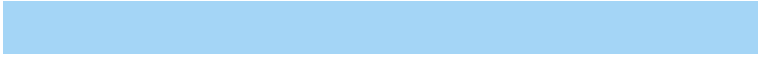
62.1348, 0.3542, 0.3194



62.1348, 0.3247, 0.3785

Complementary

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



62.1348, 0.2603, 0.2902



62.1841, 0.3791, 0.3646

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.



62.1348, 0.3512, 0.3789



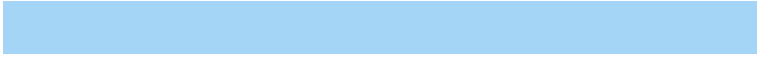
62.1348, 0.2603, 0.2902



62.1348, 0.3689, 0.3436

Square

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



62.1348, 0.2603, 0.2902



62.1348, 0.3281, 0.2983



62.1348, 0.3677, 0.3655



62.1348, 0.2959, 0.3629

Rectangle

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



62.1348, 0.2603, 0.2902



62.1348, 0.2897, 0.2823



62.1348, 0.3677, 0.3655



62.1348, 0.3342, 0.3804

Sweetspot

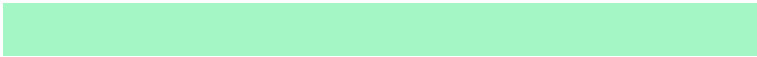
The Sweet Spot groups the original color and five complimentary colors.



62.1372, 0.2603, 0.2902



89.1114, 0.2972, 0.3187



77.8211, 0.2904, 0.3876



18.7626, 0.2949, 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.



62.1372, 0.2603, 0.2902



62.0765, 0.2499, 0.2809



44.1132, 0.2538, 0.2396



17.5746, 0.2980, 0.3192



14.9845, 0.1865, 0.1915



1.5180, 0.1918, 0.2105

Inverse Universe

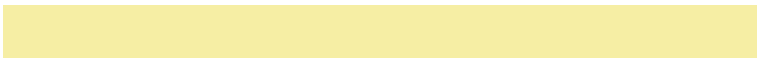
The Inverse Universe completely reimagines the original color for something new.



50.9369, 0.3446, 0.2773



48.8966, 0.3533, 0.2668



83.3020, 0.3656, 0.4049



16.6489, 0.3200, 0.3149



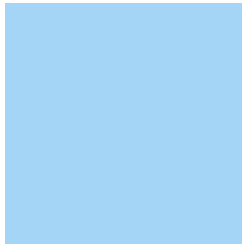
11.6121, 0.4550, 0.2280



1.0409, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 62.1348, 0.2603, 0.2902 looks on a white background.

Color Contrast Check

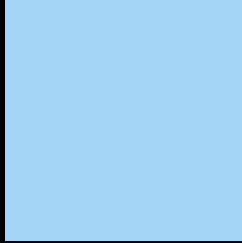
Large Text (above 18pt) WCAG AA × Fail

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 62.1348, 0.2603, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

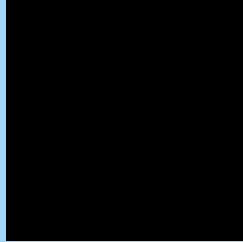
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

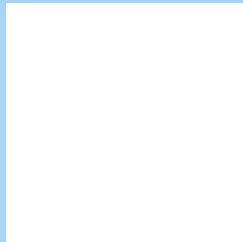
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1348, 0.2603, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 62.1348, 0.2603, 0.2902.

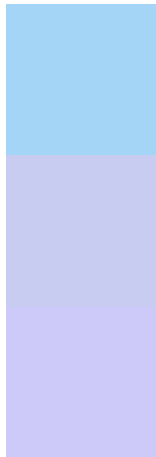


This preview shows how white text looks on a background with the Yxy color 62.1348, 0.2603, 0.2902.

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

62.1348, 0.2603, 0.2902

Protanopia

61.6191, 0.2850, 0.2885

Deuteranopia

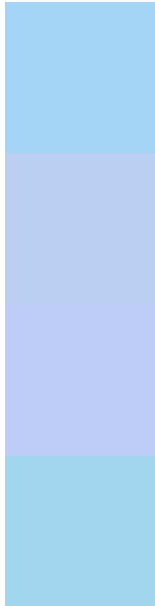
61.5297, 0.2839, 0.2773



Tritanopia

62.0611, 0.2659, 0.3072

Trichromacy



Original Color

62.1348, 0.2603, 0.2902

Protanomaly

61.4756, 0.2753, 0.2888

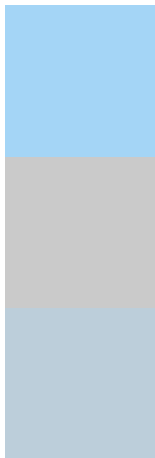
Deuteranomaly

61.3252, 0.2747, 0.2815

Tritanomaly

61.9476, 0.2636, 0.3003

Monochromacy



Original Color

62.1348, 0.2603, 0.2902

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8959, 0.2914, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1348, 0.2603, 0.2902 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(164, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(164, 213, 246)  
}
```

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(164, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 213, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.1348, 0.2603, 0.2902 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(164, 213, 246) }
```

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

```
.border{ border-color:rgb(164, 213, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 213, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(164, 213,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1348, 0.2603, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 213, 246) }
```

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

```
.background{ background-color: rgb(164,  
213, 246) }
```

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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