

Converting Colors

$Yxy(62.0199, 0.2640, 0.2949)$

Have a look what the booklet for
Yxy(62.0199, 0.2640, 0.2949)
contains.

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Color

Yxy(62.1063, 0.2636, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	A6D5F2
RGB	166, 213, 242
RGB Percent	65%, 84%, 95%
CMY	0.3490, 0.1647, 0.0509
CMYK	0.31, 0.12, 0.00, 0.05
HSL	203°, 75%, 80%
HSV	203°, 31%, 95%
XYZ	55.5522, 62.1063, 93.0857
YIQ	202.2530, -37.3210, -0.9450

Conversions

Conversions Part 2

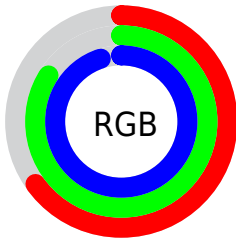
Format	Color
RYB	166, 195, 242
Decimal	10933746
CIELab	82.97, -8.55, -19.18
CIELCh	83, 20.999, 245.978
Yxy	62.1063, 0.2636, 0.2947
Android (android.graphics.Color)	4289123826 (0xFFA6D5F2)
YUV	202.2530, 19.5953, -31.7939
Hunter-Lab	78.8076, -12.0869, -14.8667

Details

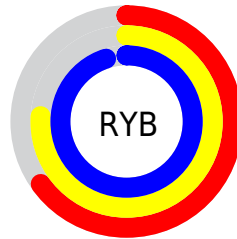
The Yxy color **62.1063, 0.2636, 0.2947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.6863, 0.3748, 0.3608**, and the grayscale version is **59.1252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **31.4436, 0.2518, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **55.2161, 0.2484, 0.2817**, and if you desaturate by 10%, it is **69.7587, 0.2793, 0.3068**.

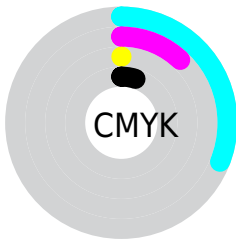
Distribution



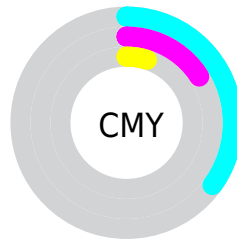
- Red (65%)
- Green (84%)
- Blue (95%)



- Red (65%)
- Yellow (76%)
- Blue (95%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1063, 0.2636, 0.2947 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 62.1063, 0.2636, 0.2947 by changing the saturation by 10% instead.

■ 62.1063, 0.2636,
0.2947

■ 62.1063, 0.2636,
0.2947

■ 432.3187, 0.2866,
0.3112

■ 45.1186, 0.2583,
0.2908

■ 107.8791, 0.2716,
0.3005

■ 31.5509, 0.2518,
0.2859

■ 137.4331, 0.2747,
0.3028

■ 21.0187, 0.2435,
0.2796

■ 171.9446, 0.2774,
0.3047

■ 13.1376, 0.2327,
0.2713

■ 211.7980, 0.2797,
0.3063

■ 7.5234, 0.2180,
0.2596

■ 257.3777, 0.2817,
0.3078

■ 3.7915, 0.1970,
0.2424

■ 309.0681, 0.2835,

■ 1.5576, 0.1651,

0.3090

0.2148

367.2537, 0.2851,
0.3102

0.3288, 0.0445,
0.1409

0.0000, 0.0000,
0.0000

62.1063, 0.2636,
0.2947

62.1063, 0.2636,
0.2947

55.2161, 0.2484,
0.2817

69.7587, 0.2793,
0.3068

49.0486, 0.2340,
0.2678

78.1956, 0.2950,
0.3178

43.5714, 0.2209,
0.2533

87.4474, 0.3106,
0.3277

38.7458, 0.2094,
0.2385

96.0259, 0.3206,
0.3367

■ 34.5281, 0.2000,
0.2235

■ 99.1925, 0.3203,
0.3415

■ 30.8665, 0.1927,
0.2088

■ 28.0966, 0.1879,
0.1965

Harmonies

Analogous

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



62.1063, 0.2643, 0.3141



62.1063, 0.2636, 0.2947



62.1063, 0.2754, 0.2853

Triad

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



62.1063, 0.2636, 0.2947



62.1063, 0.3489, 0.3180



62.1063, 0.3266, 0.3752

Complementary

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



62.1063, 0.2636, 0.2947



60.6863, 0.3748, 0.3608

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.



62.1063, 0.3503, 0.3743



62.1063, 0.2636, 0.2947



62.1063, 0.3637, 0.3404

Square

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



62.1063, 0.2636, 0.2947



62.1063, 0.3242, 0.2989



62.1063, 0.3642, 0.3610



62.1063, 0.2998, 0.3622

Rectangle

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



62.1063, 0.2636, 0.2947



62.1063, 0.2891, 0.2853



62.1063, 0.3642, 0.3610



62.1063, 0.3352, 0.3765

Sweetspot

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



62.1088, 0.2636, 0.2947



90.4389, 0.2987, 0.3202



75.5198, 0.2930, 0.3868



19.0421, 0.2965, 0.3187



0.0000, 0.0000, 0.0000



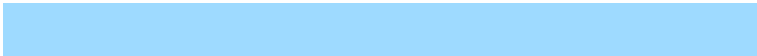
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1088, 0.2636, 0.2947



64.6386, 0.2533, 0.2861



45.6305, 0.2581, 0.2490



16.8559, 0.2980, 0.3198



15.3620, 0.1886, 0.1988



1.4695, 0.1939, 0.2178

Inverse Universe

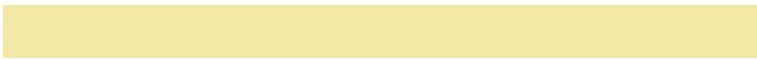
The Inverse Universe completely reimagines the original color for something new.



50.9640, 0.3408, 0.2789



50.8095, 0.3488, 0.2680



79.2893, 0.3631, 0.3980



15.9231, 0.3196, 0.3145



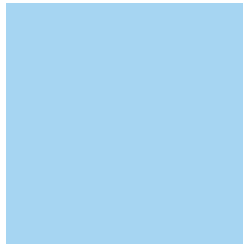
11.3442, 0.4466, 0.2234



0.9631, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 62.1063, 0.2636, 0.2947 looks on a white background.

Color Contrast Check

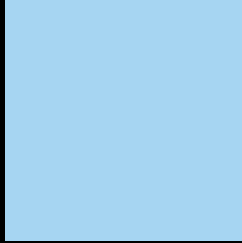
Large Text (above 18pt) WCAG AA × Fail

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 62.1063, 0.2636, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

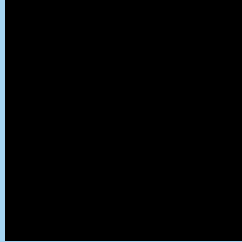
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

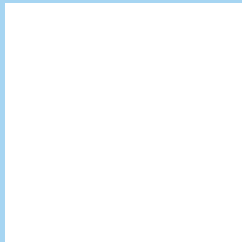
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1063, 0.2636, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 62.1063, 0.2636, 0.2947.



This preview shows how white text looks on a background with the Yxy color 62.1063, 0.2636, 0.2947.

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

62.1063, 0.2636, 0.2947

Protanopia

61.6594, 0.2889, 0.2929

Deuteranopia

61.5703, 0.2879, 0.2816



Tritanopia

62.3196, 0.2682, 0.3085

Trichromacy



Original Color

62.1063, 0.2636, 0.2947

Protanomaly

61.4901, 0.2790, 0.2933

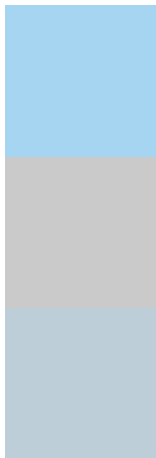
Deuteranomaly

61.3402, 0.2784, 0.2859

Tritanomaly

62.1486, 0.2664, 0.3027

Monochromacy



Original Color

62.1063, 0.2636, 0.2947

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9712, 0.2928, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1063, 0.2636, 0.2947 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(166, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 213, 242)  
}
```

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(166, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 213, 242) }
```

Border

The CSS property to change the border of an element to Yxy 62.1063, 0.2636, 0.2947 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(166, 213, 242) }
```

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

```
.border{ border-color:rgb(166, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 213,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1063, 0.2636, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 213, 242) }
```

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

```
.background{ background-color: rgb(166,  
213, 242) }
```

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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