

Converting Colors

$Yxy(62.1859, 0.2746, 0.3087)$

Have a look what the booklet for
Yxy(62.1859, 0.2746, 0.3087)
contains.

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Color

Yxy(62.1859, 0.2746, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	ADD5E6
RGB	173, 213, 230
RGB Percent	68%, 84%, 90%
CMY	0.3214, 0.1647, 0.0981
CMYK	0.25, 0.07, 0.00, 0.10
HSL	198°, 53%, 79%
HSV	198°, 25%, 90%
XYZ	55.3166, 62.1859, 83.9419
YIQ	202.9780, -29.2970, -3.1930

Conversions

Conversions Part 2

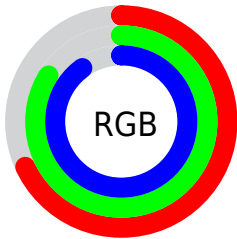
Format	Color
RYB	173, 197, 230
Decimal	11392486
CIELab	83.01, -9.32, -12.68
CIELCh	83, 15.735, 233.670
Yxy	62.1859, 0.2746, 0.3087
Android (android.graphics.Color)	4289582566 (0xFFADD5E6)
YUV	202.9780, 13.3218, -26.2907
Hunter-Lab	78.8580, -12.7889, -7.9117

Details

The Yxy color **62.1859, 0.2746, 0.3087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6848, 0.3602, 0.3484**, and the grayscale version is **59.6411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **31.4317, 0.2653, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **56.4072, 0.2597, 0.2992**, and if you desaturate by 10%, it is **68.5671, 0.2899, 0.3175**.

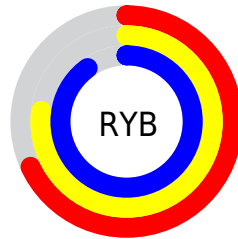
Distribution



Red (68%)

Green (84%)

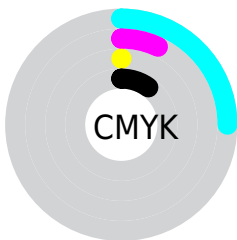
Blue (90%)



Red (68%)

Yellow (77%)

Blue (90%)

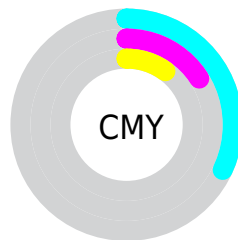


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (32%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1859, 0.2746, 0.3087 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 62.1859, 0.2746, 0.3087 by changing the saturation by 10% instead.

■ 62.1859, 0.2746,
0.3087

■ 62.1859, 0.2746,
0.3087

432.6089, 0.2925,
0.3186

■ 45.1829, 0.2705,
0.3063

■ 107.9942, 0.2809,
0.3122

■ 31.6015, 0.2653,
0.3034

137.5682, 0.2833,
0.3136

■ 21.0573, 0.2587,
0.2995

172.1015, 0.2854,
0.3147

■ 13.1659, 0.2500,
0.2943

211.9783, 0.2872,
0.3157

■ 7.5429, 0.2381,
0.2868

257.5830, 0.2888,
0.3165

■ 3.8039, 0.2207,
0.2756

309.3001, 0.2901,

■ 1.5645, 0.1933,

0.3173

0.2566

367.5139, 0.2914,
0.3180

0.3335, 0.0525,
0.1960

0.0000, 0.0000,
0.0000

62.1859, 0.2746,
0.3087

62.1859, 0.2746,
0.3087

56.4072, 0.2597,
0.2992

68.5671, 0.2899,
0.3175

51.1986, 0.2457,
0.2890

75.5665, 0.3054,
0.3255

46.5356, 0.2328,
0.2782

83.2083, 0.3207,
0.3327

42.3885, 0.2214,
0.2671

89.5586, 0.3289,
0.3393

■ 38.7243, 0.2119,
0.2557

■ 93.6868, 0.3282,
0.3459

■ 35.5046, 0.2043,
0.2443

■ 97.9696, 0.3275,
0.3525

■ 32.6829, 0.1988,
0.2330

■ 98.4926, 0.3274,
0.3532

■ 31.3253, 0.1964,
0.2272

Harmonies

Analogous

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



62.1859, 0.2791, 0.3256



62.1859, 0.2746, 0.3087



62.1859, 0.2798, 0.2980

Triad

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



62.1859, 0.2746, 0.3087



62.1859, 0.3328, 0.3143



62.1859, 0.3312, 0.3644

Complementary

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



62.1859, 0.2746, 0.3087



56.6848, 0.3602, 0.3484

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.



62.1859, 0.3463, 0.3599



62.1859, 0.2746, 0.3087



62.1859, 0.3474, 0.3309

Square

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



62.1859, 0.2746, 0.3087



62.1859, 0.3130, 0.3017



62.1859, 0.3524, 0.3475



62.1859, 0.3114, 0.3586

Rectangle

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



62.1859, 0.2746, 0.3087



62.1859, 0.2883, 0.2955



62.1859, 0.3524, 0.3475



62.1859, 0.3370, 0.3640

Sweetspot

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



62.1884, 0.2746, 0.3087



93.4184, 0.3019, 0.3237



69.1594, 0.2998, 0.3787



19.8779, 0.3009, 0.3232



0.0000, 0.0000, 0.0000



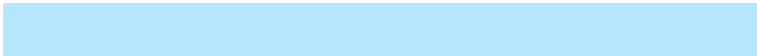
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1884, 0.2746, 0.3087



74.5528, 0.2665, 0.3036



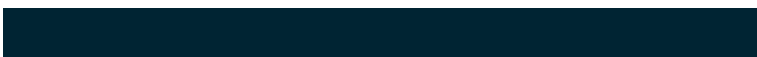
49.4611, 0.2716, 0.2744



15.5719, 0.2981, 0.3218



17.9596, 0.1969, 0.2289



1.4875, 0.2015, 0.2453

Inverse Universe

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



51.5302, 0.3295, 0.2849



59.1359, 0.3341, 0.2749



69.8028, 0.3530, 0.3782



14.5381, 0.3183, 0.3127



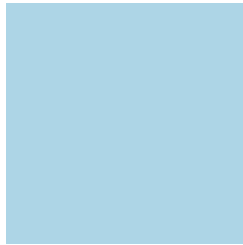
11.0107, 0.4137, 0.2053



0.8298, 0.3969, 0.1960

Previews

White Background



This preview shows how the Yxy color 62.1859, 0.2746, 0.3087 looks on a white background.

Color Contrast Check

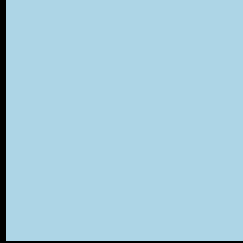
Large Text (above 18pt) WCAG AA × Fail

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 62.1859, 0.2746, 0.3087 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 62.1859, 0.2746, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 62.1859, 0.2746, 0.3087.



This preview shows how white text looks on a background with the Yxy color 62.1859, 0.2746, 0.3087.

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

62.1859, 0.2746, 0.3087

Protanopia

61.9363, 0.2982, 0.3062

Deuteranopia

61.8956, 0.3008, 0.2947



Tritanopia

62.1859, 0.2746, 0.3087

Trichromacy



Original Color

62.1859, 0.2746, 0.3087

Protanomaly

61.9953, 0.2892, 0.3070

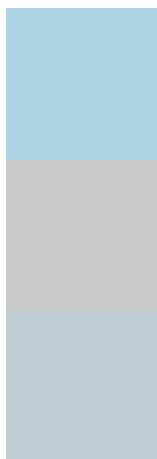
Deuteranomaly

61.5743, 0.2907, 0.2993

Tritanomaly

62.1859, 0.2746, 0.3087

Monochromacy



Original Color

62.1859, 0.2746, 0.3087

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.6362, 0.2976, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1859, 0.2746, 0.3087 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(173, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(173, 213, 230)  
}
```

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(173, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.1859, 0.2746, 0.3087 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(173, 213, 230) }
```

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

```
.border{ border-color:rgb(173, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(173, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1859, 0.2746, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 213, 230) }
```

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

```
.background{ background-color: rgb(173,  
213, 230) }
```

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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