

Converting Colors

$Yxy(62.0184, 0.2766, 0.3096)$

Have a look what the booklet for
Yxy(62.0184, 0.2766, 0.3096)
contains.

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Color

Yxy(61.8581, 0.2763, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	AFD4E5
RGB	175, 212, 229
RGB Percent	69%, 83%, 90%
CMY	0.3137, 0.1686, 0.1019
CMYK	0.24, 0.07, 0.00, 0.10
HSL	199°, 51%, 79%
HSV	199°, 24%, 90%
XYZ	55.3657, 61.8581, 83.1588
YIQ	202.8750, -27.5090, -2.5570

Conversions

Conversions Part 2

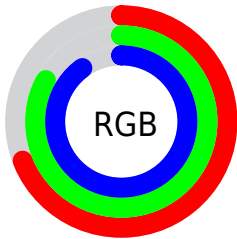
Format	Color
R_{YB}	175, 197, 229
Decimal	11523301
CIE Lab	82.84, -8.45, -12.41
CIE LCh	83, 15.008, 235.746
Yxy	61.8581, 0.2763, 0.3087
Android (android.graphics.Color)	4289713381 (0xFFAFD4E5)
YUV	202.8750, 12.8796, -24.4464
Hunter-Lab	78.6499, -11.9821, -7.6340

Details

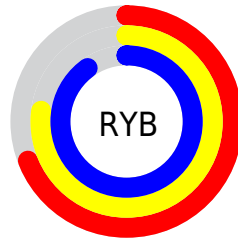
The Yxy color **61.8581, 0.2763, 0.3087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4562, 0.3572, 0.3484**, and the grayscale version is **59.5703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **31.2349, 0.2667, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **55.9064, 0.2612, 0.2987**, and if you desaturate by 10%, it is **68.4252, 0.2917, 0.3179**.

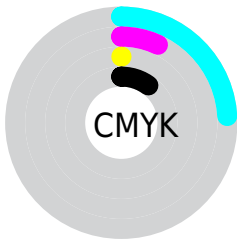
Distribution



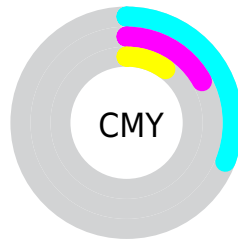
- Red (69%)
- Green (83%)
- Blue (90%)



- Red (69%)
- Yellow (77%)
- Blue (90%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8581, 0.2763, 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 61.8581, 0.2763, 0.3087 by changing the saturation by 10% instead.

■ 61.8581, 0.2763,
0.3087

■ 61.8581, 0.2763,
0.3087

431.4133, 0.2934,
0.3185

■ 44.9181, 0.2723,
0.3063

■ 107.5204, 0.2823,
0.3122

■ 31.3929, 0.2674,
0.3034

137.0115, 0.2846,
0.3135

■ 20.8982, 0.2610,
0.2995

171.4550, 0.2866,
0.3147

■ 13.0496, 0.2527,
0.2943

211.2354, 0.2883,
0.3157

■ 7.4627, 0.2412,
0.2869

256.7370, 0.2898,
0.3165

■ 3.7531, 0.2244,
0.2757

308.3443, 0.2912,

■ 1.5364, 0.1976,

0.3173

0.2568

366.4416, 0.2924,
0.3179

0.3142, 0.0564,
0.1919

0.0000, 0.0000,
0.0000

61.8581, 0.2763,
0.3087

61.8581, 0.2763,
0.3087

55.9064, 0.2612,
0.2987

68.4252, 0.2917,
0.3179

50.5378, 0.2469,
0.2880

75.6233, 0.3072,
0.3262

45.7282, 0.2337,
0.2767

83.4766, 0.3225,
0.3337

41.4481, 0.2219,
0.2649

89.7386, 0.3295,
0.3407

■ 37.6650, 0.2118,
0.2528

■ 94.0889, 0.3287,
0.3476

■ 34.3412, 0.2038,
0.2407

■ 98.4379, 0.3280,
0.3542

■ 31.4316, 0.1978,
0.2288

■ 29.7393, 0.1948,
0.2212

Harmonies

Analogous

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



61.8581, 0.2800, 0.3245



61.8581, 0.2763, 0.3087



61.8581, 0.2820, 0.2990

Triad

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



61.8581, 0.2763, 0.3087



61.8581, 0.3331, 0.3160



61.8581, 0.3291, 0.3627

Complementary

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



61.8581, 0.2763, 0.3087



57.4562, 0.3572, 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.



61.8581, 0.3440, 0.3592



61.8581, 0.2763, 0.3087



61.8581, 0.3465, 0.3320

Square

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



61.8581, 0.2763, 0.3087



61.8581, 0.3144, 0.3035



61.8581, 0.3505, 0.3477



61.8581, 0.3101, 0.3566

Rectangle

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



61.8581, 0.2763, 0.3087



61.8581, 0.2904, 0.2969



61.8581, 0.3505, 0.3477



61.8581, 0.3348, 0.3626

Sweetspot

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



61.8606, 0.2763, 0.3087



93.2366, 0.3019, 0.3234



68.9296, 0.2998, 0.3749



19.8358, 0.3009, 0.3229



0.0000, 0.0000, 0.0000



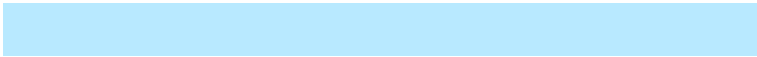
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8606, 0.2763, 0.3087



75.3665, 0.2693, 0.3042



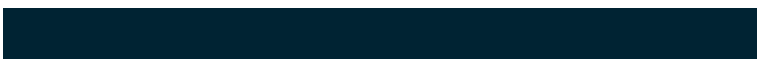
49.8047, 0.2737, 0.2762



15.5307, 0.2981, 0.3214



17.2264, 0.1953, 0.2231



1.4377, 0.2001, 0.2404

Inverse Universe

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



52.0722, 0.3293, 0.2880



61.2307, 0.3332, 0.2798



70.0066, 0.3508, 0.3767



14.5339, 0.3186, 0.3130



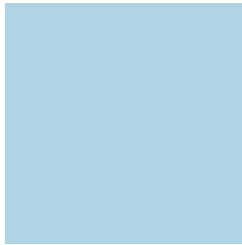
10.9367, 0.4199, 0.2087



0.8248, 0.4019, 0.1988

Previews

White Background



This preview shows how the Yxy color 61.8581, 0.2763, 0.3087 looks on a white background.

Color Contrast Check

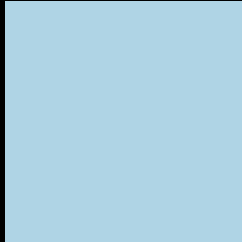
Large Text (above 18pt) WCAG AA × Fail

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 61.8581, 0.2763, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

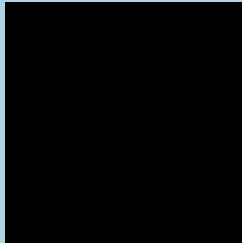
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

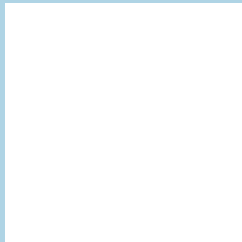
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8581, 0.2763, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 61.8581, 0.2763, 0.3087.



This preview shows how white text looks on a background with the Yxy color 61.8581, 0.2763, 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

61.8581, 0.2763, 0.3087

Protanopia

61.4049, 0.2989, 0.3062

Deuteranopia

61.3742, 0.3015, 0.2946



Tritanopia

61.8581, 0.2763, 0.3087

Trichromacy



Original Color

61.8581, 0.2763, 0.3087

Protanomaly

61.4541, 0.2898, 0.3069

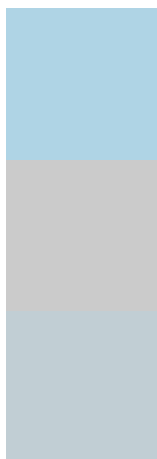
Deuteranomaly

61.1783, 0.2921, 0.2993

Tritanomaly

61.8581, 0.2763, 0.3087

Monochromacy



Original Color

61.8581, 0.2763, 0.3087

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2335, 0.2990, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8581, 0.2763, 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(175, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(175, 212, 229)  
}
```

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(175, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 229) }
```

Border

The CSS property to change the border of an element to Yxy 61.8581, 0.2763, 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(175, 212, 229) }
```

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

```
.border{ border-color:rgb(175, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(175, 212,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8581, 0.2763, 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(175, 212, 229) }
```

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

```
.background{ background-color: rgb(175,  
212, 229) }
```

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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