

Converting Colors

$Yxy(62.7243, 0.2741, 0.3057)$

Have a look what the booklet for
Yxy(62.7243, 0.2741, 0.3057)
contains.

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Color

Yxy(62.5857, 0.2741, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	AFD5E9
RGB	175, 213, 233
RGB Percent	69%, 84%, 91%
CMY	0.3136, 0.1647, 0.0862
CMYK	0.25, 0.09, 0.00, 0.09
HSL	201°, 57%, 80%
HSV	201°, 25%, 91%
XYZ	56.1898, 62.5857, 86.2219
YIQ	203.9180, -29.0680, -1.8360

Conversions

Conversions Part 2

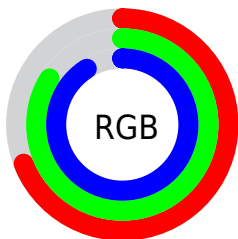
Format	Color
RYB	175, 198, 233
Decimal	11523561
CIELab	83.22, -8.05, -13.96
CIELCh	83, 16.112, 240.026
Yxy	62.5857, 0.2741, 0.3053
Android (android.graphics.Color)	4289713641 (0xFFAFD5E9)
YUV	203.9180, 14.3374, -25.3611
Hunter-Lab	79.1111, -11.6623, -9.2414

Details

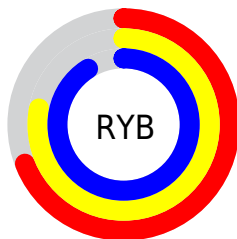
The Yxy color **62.5857, 0.2741, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4832, 0.3598, 0.3515**, and the grayscale version is **60.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **31.6930, 0.2647, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **56.1710, 0.2589, 0.2942**, and if you desaturate by 10%, it is **69.6716, 0.2896, 0.3155**.

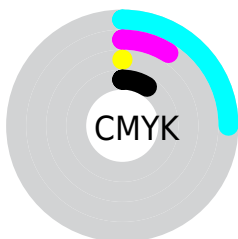
Distribution



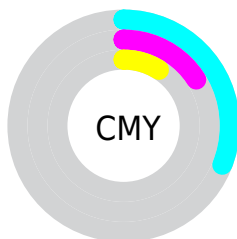
- Red (69%)
- Green (84%)
- Blue (91%)



- Red (69%)
- Yellow (78%)
- Blue (91%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5857, 0.2741, 0.3053 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 62.5857, 0.2741, 0.3053 by changing the saturation by 10% instead.

■ 62.5857, 0.2741,
0.3053

■ 62.5857, 0.2741,
0.3053

434.0643, 0.2922,
0.3167

■ 45.5061, 0.2699,
0.3026

■ 108.5716, 0.2804,
0.3094

■ 31.8563, 0.2647,
0.2992

138.2467, 0.2829,
0.3109

■ 21.2517, 0.2581,
0.2947

172.8891, 0.2850,
0.3122

■ 13.3081, 0.2493,
0.2888

212.8832, 0.2868,
0.3134

■ 7.6411, 0.2374,
0.2805

258.6133, 0.2884,
0.3144

■ 3.8662, 0.2200,
0.2679

310.4640, 0.2898,

■ 1.5990, 0.1926,

0.3153

0.2471

368.8195, 0.2911,
0.3160

0.3569, 0.0743,
0.1857

0.0000, 0.0000,
0.0000

62.5857, 0.2741,
0.3053

62.5857, 0.2741,
0.3053

56.1710, 0.2589,
0.2942

69.6716, 0.2896,
0.3155

50.3933, 0.2443,
0.2822

77.4462, 0.3052,
0.3248

45.2260, 0.2308,
0.2696

85.9355, 0.3205,
0.3332

40.6375, 0.2188,
0.2565

92.5617, 0.3265,
0.3409

■ 36.5922, 0.2085,
0.2432

■ 97.5428, 0.3257,
0.3486

■ 33.0494, 0.2003,
0.2298

■ 98.6642, 0.3256,
0.3503

■ 29.9597, 0.1942,
0.2166

■ 28.5152, 0.1917,
0.2100

Harmonies

Analogous

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



62.5857, 0.2766, 0.3215



62.5857, 0.2741, 0.3053



62.5857, 0.2815, 0.2961

Triad

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



62.5857, 0.2741, 0.3053



62.5857, 0.3371, 0.3174



62.5857, 0.3275, 0.3648

Complementary

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



62.5857, 0.2741, 0.3053



59.4832, 0.3598, 0.3515

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.



62.5857, 0.3444, 0.3624



62.5857, 0.2741, 0.3053



62.5857, 0.3502, 0.3346

Square

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



62.5857, 0.2741, 0.3053



62.5857, 0.3175, 0.3034



62.5857, 0.3529, 0.3510



62.5857, 0.3070, 0.3568

Rectangle

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



62.5857, 0.2741, 0.3053



62.5857, 0.2912, 0.2948



62.5857, 0.3529, 0.3510



62.5857, 0.3338, 0.3651

Sweetspot

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



62.5882, 0.2741, 0.3053



92.8997, 0.3019, 0.3229



71.3183, 0.2980, 0.3754



19.7576, 0.3009, 0.3223



0.0000, 0.0000, 0.0000



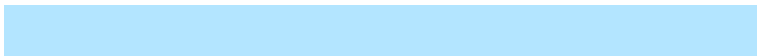
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5882, 0.2741, 0.3053



72.5495, 0.2660, 0.2996



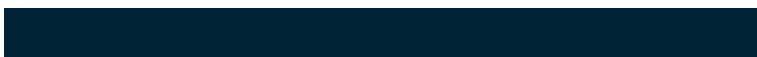
49.5773, 0.2710, 0.2704



16.1951, 0.2981, 0.3207



16.4173, 0.1922, 0.2120



1.4674, 0.1973, 0.2301

Inverse Universe

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



52.8065, 0.3318, 0.2875



58.9337, 0.3370, 0.2784



73.3888, 0.3526, 0.3815



15.2202, 0.3191, 0.3137



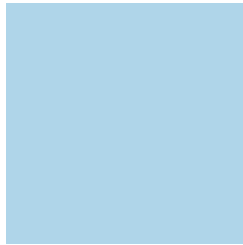
11.1501, 0.4319, 0.2153



0.8935, 0.4125, 0.2046

Previews

White Background



This preview shows how the Yxy color 62.5857, 0.2741, 0.3053 looks on a white background.

Color Contrast Check

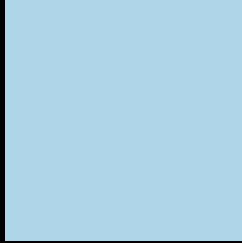
Large Text (above 18pt) WCAG AA × Fail

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 62.5857, 0.2741, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

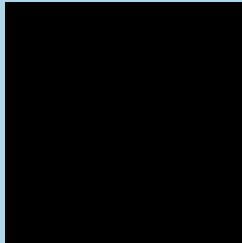
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5857, 0.2741, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 62.5857, 0.2741, 0.3053.

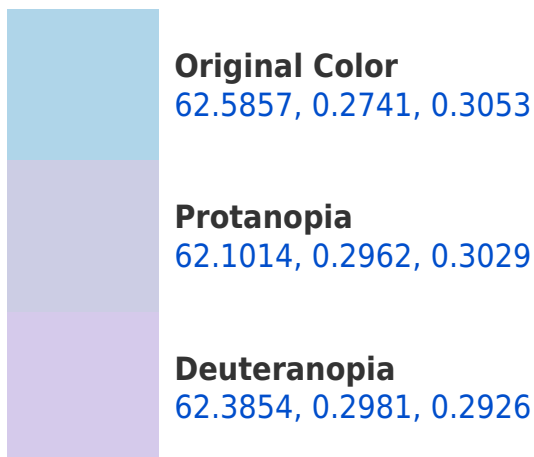


This preview shows how white text looks on a background with the Yxy color 62.5857, 0.2741, 0.3053.

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

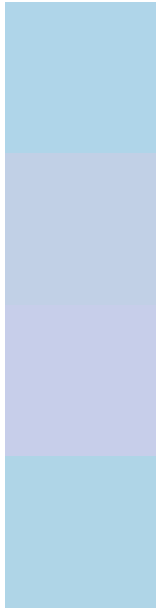




Tritanopia

62.4156, 0.2758, 0.3088

Trichromacy



Original Color

62.5857, 0.2741, 0.3053

Protanomaly

62.1624, 0.2873, 0.3036

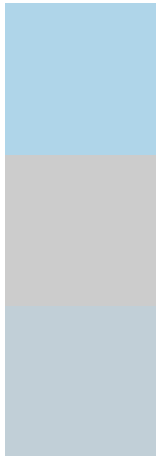
Deuteranomaly

62.2252, 0.2889, 0.2972

Tritanomaly

62.4720, 0.2752, 0.3076

Monochromacy



Original Color

62.5857, 0.2741, 0.3053

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8694, 0.2970, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5857, 0.2741, 0.3053 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, 213, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 213, 233)  
}
```

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, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 233) }
```

Border

The CSS property to change the border of an element to Yxy 62.5857, 0.2741, 0.3053 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, 213, 233) }
```

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

```
.border{ border-color:rgb(175, 213, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 213, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5857, 0.2741, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 233) }
```

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

```
.background{ background-color: rgb(175,  
213, 233) }
```

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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