

Converting Colors

$Yxy(62.5407, 0.2677, 0.3062)$

Have a look what the booklet for
Yxy(62.5407, 0.2677, 0.3062)
contains.

Yxy(62.5407, 0.2677, 0.3062)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5407, 0.2677, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	A5D7EA
RGB	165, 215, 234
RGB Percent	65%, 84%, 92%
CMY	0.3527, 0.1569, 0.0824
CMYK	0.29, 0.08, 0.00, 0.08
HSL	197°, 62%, 78%
HSV	197°, 29%, 92%
XYZ	54.6772, 62.5407, 87.0300
YIQ	202.2160, -35.8990, -4.6910

Conversions

Conversions Part 2

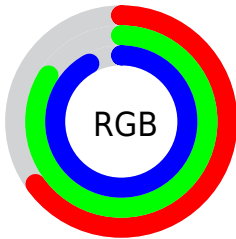
Format	Color
RYB	165, 194, 234
Decimal	10868714
CIELab	83.20, -11.75, -14.57
CIELCh	83, 18.719, 231.131
Yxy	62.5407, 0.2677, 0.3062
Android (android.graphics.Color)	4289058794 (0xFFA5D7EA)
YUV	202.2160, 15.6695, -32.6384
Hunter-Lab	79.0827, -14.9812, -9.8904

Details

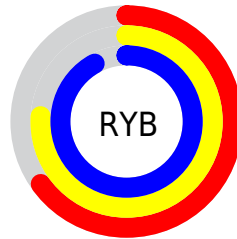
The Yxy color **62.5407, 0.2677, 0.3062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5194, 0.3722, 0.3506**, and the grayscale version is **59.1296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.7355, 0.2569, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **57.0372, 0.2534, 0.2971**, and if you desaturate by 10%, it is **68.6378, 0.2827, 0.3146**.

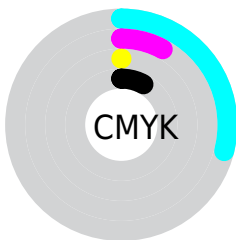
Distribution



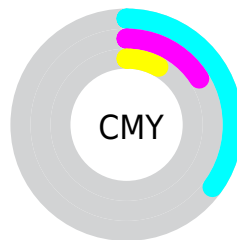
- Red (65%)
- Green (84%)
- Blue (92%)



- Red (65%)
- Yellow (76%)
- Blue (92%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (35%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5407, 0.2677, 0.3062 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 62.5407, 0.2677, 0.3062 by changing the saturation by 10% instead.

■ 62.5407, 0.2677,
0.3062

■ 62.5407, 0.2677,
0.3062

■ 433.9007, 0.2888,
0.3173

■ 45.4697, 0.2628,
0.3035

■ 108.5066, 0.2750,
0.3102

■ 31.8276, 0.2568,
0.3001

■ 138.1704, 0.2779,
0.3117

■ 21.2298, 0.2492,
0.2958

■ 172.8005, 0.2803,
0.3130

■ 13.2921, 0.2392,
0.2898

■ 212.7814, 0.2825,
0.3141

■ 7.6300, 0.2255,
0.2814

■ 258.4975, 0.2843,
0.3150

■ 3.8591, 0.2057,
0.2687

■ 310.3331, 0.2860,

■ 1.5951, 0.1752,

0.3159

0.2473

368.6727, 0.2874,
0.3166

0.3543, 0.0266,
0.1885

0.0000, 0.0000,
0.0000

62.5407, 0.2677,
0.3062

62.5407, 0.2677,
0.3062

57.0372, 0.2534,
0.2971

68.6378, 0.2827,
0.3146

52.0934, 0.2401,
0.2875

75.3457, 0.2981,
0.3224

47.6828, 0.2282,
0.2774

82.6899, 0.3135,
0.3294

43.7732, 0.2179,
0.2671

89.9915, 0.3263,
0.3357

■ 40.3284, 0.2097,
0.2566

■ 93.8745, 0.3257,
0.3419

■ 37.3052, 0.2034,
0.2462

■ 97.8942, 0.3251,
0.3481

■ 34.6355, 0.1989,
0.2359

■ 98.7205, 0.3250,
0.3493

■ 34.4975, 0.1987,
0.2353

Harmonies

Analogous

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



62.5407, 0.2740, 0.3266



62.5407, 0.2677, 0.3062



62.5407, 0.2729, 0.2930

Triad

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



62.5407, 0.2677, 0.3062



62.5407, 0.3347, 0.3102



62.5407, 0.3363, 0.3711

Complementary

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



62.5407, 0.2677, 0.3062



54.5194, 0.3722, 0.3506

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.



62.5407, 0.3537, 0.3647



62.5407, 0.2677, 0.3062



62.5407, 0.3529, 0.3293

Square

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



62.5407, 0.2677, 0.3062



62.5407, 0.3110, 0.2959



62.5407, 0.3599, 0.3491



62.5407, 0.3131, 0.3655

Rectangle

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



62.5407, 0.2677, 0.3062



62.5407, 0.2823, 0.2896



62.5407, 0.3599, 0.3491



62.5407, 0.3431, 0.3702

Sweetspot

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



62.5432, 0.2677, 0.3062



91.9334, 0.2987, 0.3227



70.2882, 0.2981, 0.3913



19.4112, 0.2965, 0.3216



0.0000, 0.0000, 0.0000



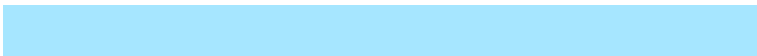
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5432, 0.2677, 0.3062



72.1131, 0.2594, 0.3011



47.0530, 0.2630, 0.2637



16.3788, 0.2981, 0.3224



19.6070, 0.1992, 0.2370



1.6992, 0.2031, 0.2512

Inverse Universe

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



49.3298, 0.3321, 0.2746



54.1770, 0.3369, 0.2639



70.3089, 0.3618, 0.3867



15.2388, 0.3180, 0.3121



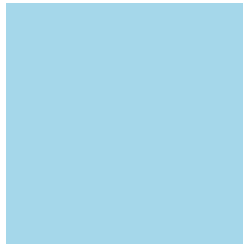
11.4721, 0.4054, 0.2007



0.9169, 0.3910, 0.1928

Previews

White Background



This preview shows how the Yxy color 62.5407, 0.2677, 0.3062 looks on a white background.

Color Contrast Check

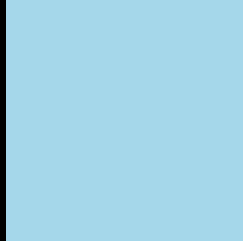
Large Text (above 18pt) WCAG AA × Fail

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 62.5407, 0.2677, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

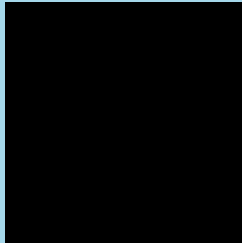
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5407, 0.2677, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 62.5407, 0.2677, 0.3062.

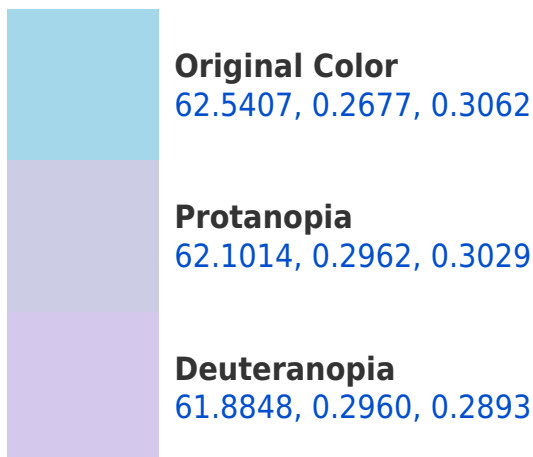


This preview shows how white text looks on a background with the Yxy color 62.5407, 0.2677, 0.3062.

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

62.4264, 0.2688, 0.3085

Trichromacy



Original Color

62.5407, 0.2677, 0.3062

Protanomaly

62.2612, 0.2853, 0.3046

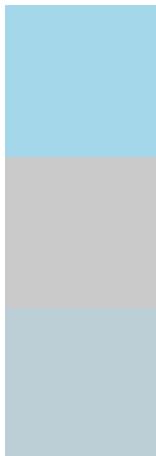
Deuteranomaly

61.8008, 0.2848, 0.2948

Tritanomaly

62.4834, 0.2682, 0.3074

Monochromacy



Original Color

62.5407, 0.2677, 0.3062

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2995, 0.2948, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5407, 0.2677, 0.3062 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(165, 215, 234)` looks like.

```
.text, #text, p{  
    color:rgb(165, 215, 234)  
}
```

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(165, 215, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 215, 234) }
```

Border

The CSS property to change the border of an element to Yxy 62.5407, 0.2677, 0.3062 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(165, 215, 234) }
```

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

```
.border{ border-color:rgb(165, 215, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 215, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(165, 215,  
234) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.5407, 0.2677, 0.3062$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 215, 234) }
```

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

```
.background{ background-color: rgb(165,  
215, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor