

Converting Colors

$Yxy(61.9214, 0.2517, 0.3060)$

Have a look what the booklet for
Yxy(61.9214, 0.2517, 0.3060)
contains.

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Color

Yxy(62.1807, 0.2521, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	8ADBED
RGB	138, 219, 237
RGB Percent	54%, 86%, 93%
CMY	0.4585, 0.1412, 0.0705
CMYK	0.42, 0.08, 0.00, 0.07
HSL	191°, 73%, 74%
HSV	191°, 42%, 93%
XYZ	51.1110, 62.1807, 89.4494
YIQ	196.8330, -54.0540, -11.5740

Conversions

Conversions Part 2

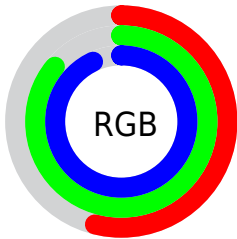
Format	Color
RYB	138, 183, 237
Decimal	9100269
CIELab	83.01, -20.17, -16.61
CIElCh	83, 26.127, 219.468
Yxy	62.1807, 0.2521, 0.3067
Android (android.graphics.Color)	4287290349 (0xFF8ADBED)
YUV	196.8330, 19.8023, -51.5965
Hunter-Lab	78.8547, -22.2980, -12.0577

Details

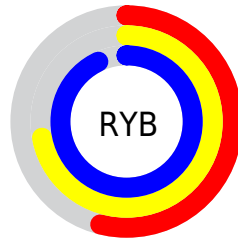
The Yxy color **62.1807, 0.2521, 0.3067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6632, 0.4118, 0.3496**, and the grayscale version is **55.6437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **31.6364, 0.2378, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **58.1503, 0.2402, 0.3004**, and if you desaturate by 10%, it is **66.7156, 0.2653, 0.3127**.

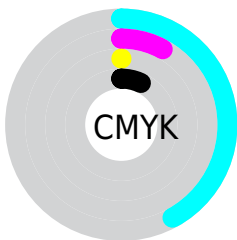
Distribution



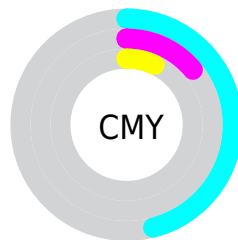
- Red (54%)
- Green (86%)
- Blue (93%)



- Red (54%)
- Yellow (72%)
- Blue (93%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (46%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1807, 0.2521, 0.3067 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 62.1807, 0.2521, 0.3067 by changing the saturation by 10% instead.


 62.1807, 0.2521,
0.3067

 62.1807, 0.2521,
0.3067


432.5899, 0.2803,
0.3179

 45.1787, 0.2457,
0.3039


 107.9867, 0.2619,
0.3108

 31.5982, 0.2377,
0.3004


 137.5594, 0.2657,
0.3123

 21.0548, 0.2277,
0.2957


172.0912, 0.2690,
0.3136

 13.1641, 0.2147,
0.2894

211.9665, 0.2718,
0.3147

 7.5416, 0.1971,
0.2802

257.5696, 0.2743,
0.3157

 3.8031, 0.1723,
0.2660

309.2849, 0.2765,

 1.5640, 0.1356,

0.3165

0.2419

367.4969, 0.2785,
0.3172

■ 0.3332, 0.0000,
0.1689

■ 0.0000, 0.0000,
0.0000

■ 62.1807, 0.2521,
0.3067

■ 62.1807, 0.2521,
0.3067

■ 58.1503, 0.2402,
0.3004

■ 66.7156, 0.2653,
0.3127

■ 54.5879, 0.2299,
0.2939

■ 71.7747, 0.2796,
0.3183

■ 51.4628, 0.2215,
0.2873


■ 77.3851, 0.2946,
0.3235

■ 48.7375, 0.2151,
0.2806

■ 83.5698, 0.3100,
0.3282


 46.3666, 0.2105,
0.2740

 90.0471, 0.3245,
0.3325

 44.6175, 0.2080,
0.2686

 92.6301, 0.3241,
0.3367

 95.2743, 0.3237,
0.3409

 97.9799, 0.3233,
0.3450

 98.8961, 0.3232,
0.3463

Harmonies

Analogous

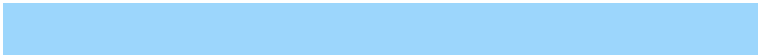
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.1807, 0.2662, 0.3377



62.1807, 0.2521, 0.3067



62.1807, 0.2531, 0.2843

Triad

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



62.1807, 0.2521, 0.3067



62.1807, 0.3307, 0.2944



62.1807, 0.3562, 0.3863

Complementary

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



62.1807, 0.2521, 0.3067



43.6632, 0.4118, 0.3496

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.



62.1807, 0.3755, 0.3707



62.1807, 0.2521, 0.3067



62.1807, 0.3607, 0.3183

Square

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



62.1807, 0.2521, 0.3067



62.1807, 0.2970, 0.2787



62.1807, 0.3774, 0.3457



62.1807, 0.3257, 0.3860

Rectangle

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



62.1807, 0.2521, 0.3067



62.1807, 0.2623, 0.2764



62.1807, 0.3774, 0.3457



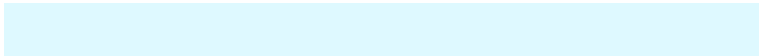
62.1807, 0.3643, 0.3826

Sweetspot

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



62.1831, 0.2521, 0.3067



90.4503, 0.2926, 0.3228



68.3467, 0.2981, 0.4365



19.0378, 0.2893, 0.3217



0.0000, 0.0000, 0.0000



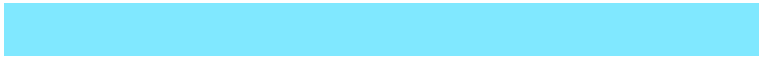
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1831, 0.2521, 0.3067



69.3462, 0.2419, 0.3014



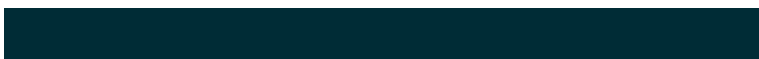
40.6752, 0.2418, 0.2437



16.6276, 0.2981, 0.3246



24.5315, 0.2083, 0.2697



2.0477, 0.2108, 0.2788

Inverse Universe

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



41.3228, 0.3340, 0.2429



42.3805, 0.3395, 0.2269



63.0537, 0.3889, 0.4011



15.2639, 0.3166, 0.3099



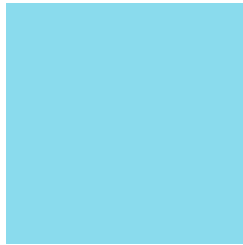
11.9693, 0.3731, 0.1829



0.9521, 0.3646, 0.1782

Previews

White Background



This preview shows how the Yxy color 62.1807, 0.2521, 0.3067 looks on a white background.

Color Contrast Check

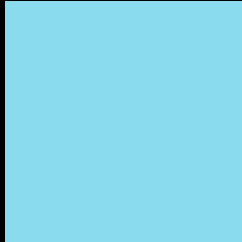
Large Text (above 18pt) WCAG AA × Fail

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 62.1807, 0.2521, 0.3067 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 62.1807, 0.2521, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 62.1807, 0.2521, 0.3067.

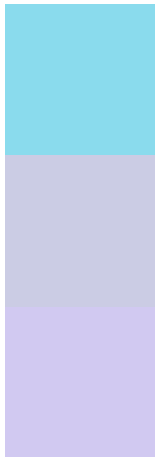


This preview shows how white text looks on a background with the Yxy color 62.1807, 0.2521, 0.3067.

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

62.1807, 0.2521, 0.3067

Protanopia

61.4837, 0.2955, 0.3017

Deuteranopia

61.6795, 0.2912, 0.2848



Tritanopia

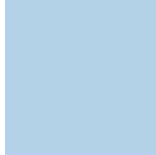
62.1807, 0.2521, 0.3067

Trichromacy



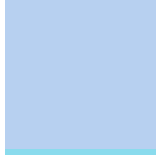
Original Color

62.1807, 0.2521, 0.3067



Protanomaly

60.9542, 0.2774, 0.3030



Deuteranomaly

61.4703, 0.2746, 0.2920



Tritanomaly

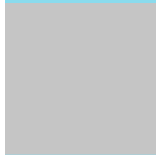
62.1807, 0.2521, 0.3067

Monochromacy



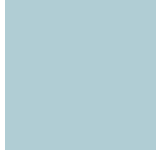
Original Color

62.1807, 0.2521, 0.3067



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.6462, 0.2868, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1807, 0.2521, 0.3067 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(138, 219, 237)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 237)  
}
```

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(138, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.1807, 0.2521, 0.3067 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(138, 219, 237) }
```

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

```
.border{ border-color:rgb(138, 219, 237) }
```

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

Here you see how a box with a 4 pixel rgb(138, 219, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1807, 0.2521, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 237) }
```

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

```
.background{ background-color: rgb(138,  
219, 237) }
```

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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