

Converting Colors

$Y_{xy}(61.0271, 0.2527, 0.3066)$

Have a look what the booklet for
Yxy(61.0271, 0.2527, 0.3066)
contains.

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Color

Yxy(61.0271, 0.2527, 0.3066)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8AD9EB |
| RGB | 138, 217, 235 |
| RGB Percent | 54%, 85%, 92% |
| CMY | 0.4585, 0.1491, 0.0785 |
| CMYK | 0.41, 0.08, 0.00, 0.08 |
| HSL | 191°, 71%, 73% |
| HSV | 191°, 41%, 92% |
| XYZ | 50.2986, 61.0271, 87.7190 |
| YIQ | 195.4310, -52.8620, -11.1500 |

Conversions

Conversions Part 2

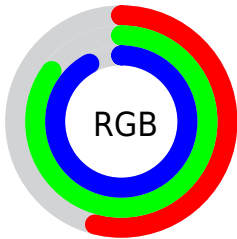
| Format | Color |
|-------------------------------------|--|
| RYB | 138, 182, 235 |
| Decimal | 9099755 |
| CIELab | 82.39, -19.68, -16.45 |
| CIELCh | 82, 25.652, 219.899 |
| Yxy | 61.0271, 0.2527, 0.3066 |
| Android (android.graphics.Color) | 4287289835 (0xFF8AD9EB) |
| YUV | 195.4310, 19.5075, -50.3670 |
| Hunter-Lab | 78.1198, -21.7799, -11.8915 |

Details

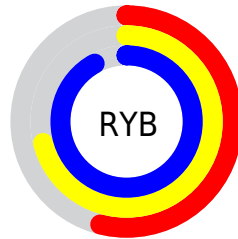
The Yxy color **61.0271, 0.2527, 0.3066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3051, 0.4099, 0.3497**, and the grayscale version is **54.7606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **30.8447, 0.2383, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **57.0151, 0.2407, 0.3002**, and if you desaturate by 10%, it is **65.5371, 0.2660, 0.3127**.

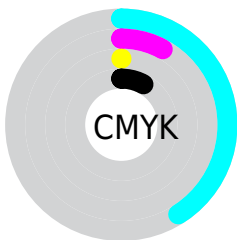
Distribution



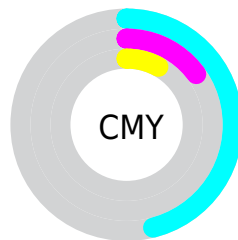
- Red (54%)
- Green (85%)
- Blue (92%)



- Red (54%)
- Yellow (71%)
- Blue (92%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)





- Cyan (46%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0271, 0.2527, 0.3066 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 61.0271, 0.2527, 0.3066 by changing the saturation by 10% instead.


 61.0271, 0.2527,
0.3066

 61.0271, 0.2527,
0.3066


428.3734, 0.2807,
0.3179

 44.2470, 0.2463,
0.3038


 106.3182, 0.2624,
0.3107

 30.8648, 0.2384,
0.3002


 135.5980, 0.2662,
0.3122

 20.4959, 0.2283,
0.2955


169.8131, 0.2695,
0.3135

 12.7560, 0.2152,
0.2891

209.3481, 0.2723,
0.3147

 7.2608, 0.1975,
0.2798

254.5872, 0.2748,
0.3156

 3.6257, 0.1725,
0.2653

305.9148, 0.2770,

 1.4665, 0.1351,

0.3165

0.2405

363.7154, 0.2789,
0.3172

0.2650, 0.0000,
0.1484

0.0000, 0.0000,
0.0000

61.0271, 0.2527,
0.3066

61.0271, 0.2527,
0.3066

57.0151, 0.2407,
0.3002

65.5371, 0.2660,
0.3127

53.4652, 0.2303,
0.2936


70.5641, 0.2804,
0.3184


50.3478, 0.2217,
0.2868


76.1346, 0.2954,
0.3236


47.6262, 0.2151,
0.2800


82.2711, 0.3108,
0.3284


 45.2566, 0.2104,
0.2733

 88.8840, 0.3259,
0.3328

 43.4075, 0.2076,
0.2675

 91.4685, 0.3255,
0.3370

 94.1151, 0.3251,
0.3412

 96.8243, 0.3247,
0.3454

 98.7777, 0.3244,
0.3483

Harmonies

Analogous

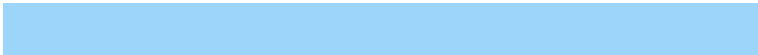
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.0271, 0.2665, 0.3371



61.0271, 0.2527, 0.3066



61.0271, 0.2540, 0.2846

Triad

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



61.0271, 0.2527, 0.3066



61.0271, 0.3310, 0.2950



61.0271, 0.3553, 0.3858

Complementary

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



61.0271, 0.2527, 0.3066



43.3051, 0.4099, 0.3497

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.



61.0271, 0.3746, 0.3705



61.0271, 0.2527, 0.3066



61.0271, 0.3605, 0.3188

Square

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



61.0271, 0.2527, 0.3066



61.0271, 0.2977, 0.2794



61.0271, 0.3767, 0.3459



61.0271, 0.3251, 0.3852

Rectangle

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



61.0271, 0.2527, 0.3066



61.0271, 0.2631, 0.2769



61.0271, 0.3767, 0.3459



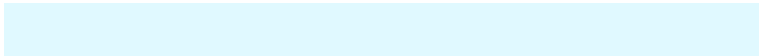
61.0271, 0.3634, 0.3822

Sweetspot

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



61.0295, 0.2527, 0.3066



91.0779, 0.2942, 0.3232



67.2184, 0.2974, 0.4327



19.2995, 0.2922, 0.3225



0.0000, 0.0000, 0.0000



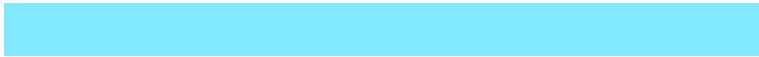
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0295, 0.2527, 0.3066



69.5641, 0.2430, 0.3015



39.7002, 0.2424, 0.2428



16.6184, 0.2981, 0.3245



24.3357, 0.2079, 0.2685



2.0340, 0.2105, 0.2778

Inverse Universe

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



40.8721, 0.3340, 0.2442



43.0528, 0.3393, 0.2291



62.8296, 0.3870, 0.4018



15.2630, 0.3166, 0.3100



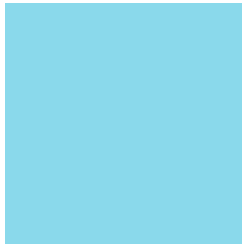
11.9495, 0.3742, 0.1835



0.9507, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 61.0271, 0.2527, 0.3066 looks on a white background.

Color Contrast Check

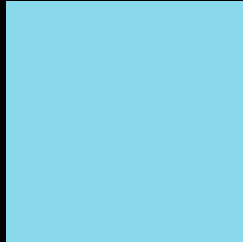
Large Text (above 18pt) WCAG AA × Fail

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 61.0271, 0.2527, 0.3066 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 61.0271, 0.2527, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 61.0271, 0.2527, 0.3066.

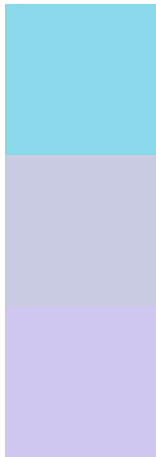


This preview shows how white text looks on a background with the Yxy color 61.0271, 0.2527, 0.3066.

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

61.0271, 0.2527, 0.3066

Protanopia

60.6204, 0.2954, 0.3026

Deuteranopia

60.3442, 0.2910, 0.2845



Tritanopia

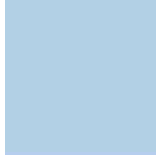
61.0271, 0.2527, 0.3066

Trichromacy



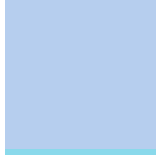
Original Color

61.0271, 0.2527, 0.3066



Protanomaly

60.2339, 0.2779, 0.3040



Deuteranomaly

60.2607, 0.2749, 0.2917



Tritanomaly

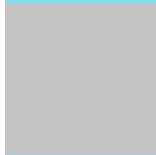
61.0271, 0.2527, 0.3066

Monochromacy



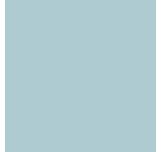
Original Color

61.0271, 0.2527, 0.3066



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.3637, 0.2866, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0271, 0.2527, 0.3066 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, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(138, 217, 235)  
}
```

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, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 217, 235) }
```

Border

The CSS property to change the border of an element to Yxy 61.0271, 0.2527, 0.3066 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, 217, 235) }
```

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

```
.border{ border-color:rgb(138, 217, 235) }
```

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

Here you see how a box with a 4 pixel rgb(138, 217, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(138, 217,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0271, 0.2527, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 217, 235) }
```

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

```
.background{ background-color: rgb(138,  
217, 235) }
```

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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