

Converting Colors

$Yxy(61.6370, 0.2636, 0.2937)$

Have a look what the booklet for
Yxy(61.6370, 0.2636, 0.2937)
contains.

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Color

Yxy(61.6048, 0.2635, 0.2935)

Conversions

Conversions Part 1

Format	Color
Hex	A6D4F2
RGB	166, 212, 242
RGB Percent	65%, 83%, 95%
CMY	0.3487, 0.1687, 0.0510
CMYK	0.31, 0.12, 0.00, 0.05
HSL	204°, 75%, 80%
HSV	204°, 31%, 95%
XYZ	55.3079, 61.6048, 92.9844
YIQ	201.6660, -37.0460, -0.4220

Conversions

Conversions Part 2

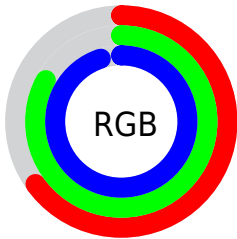
Format	Color
R _Y B	166, 195, 242
Decimal	10933490
CIE Lab	82.70, -8.01, -19.57
CIE LCh	83, 21.148, 247.741
Yxy	61.6048, 0.2635, 0.2935
Android (android.graphics.Color)	4289123570 (0xFFA6D4F2)
YUV	201.6660, 19.8847, -31.2791
Hunter-Lab	78.4887, -11.5734, -15.2979

Details

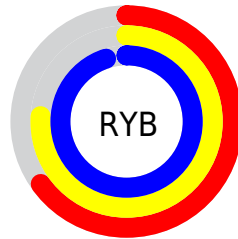
The Yxy color **61.6048, 0.2635, 0.2935** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.1554, 0.3744, 0.3619**, and the grayscale version is **58.7447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **31.1039, 0.2516, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **54.5897, 0.2481, 0.2800**, and if you desaturate by 10%, it is **69.4003, 0.2793, 0.3060**.

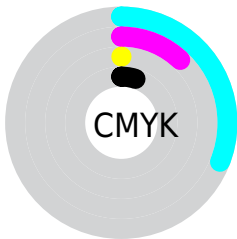
Distribution



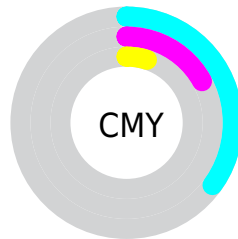
- Red (65%)
- Green (83%)
- Blue (95%)



- Red (65%)
- Yellow (76%)
- Blue (95%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6048, 0.2635, 0.2935 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 61.6048, 0.2635, 0.2935 by changing the saturation by 10% instead.

61.6048, 0.2635,
0.2935

61.6048, 0.2635,
0.2935

430.4881, 0.2865,
0.3106

44.7134, 0.2582,
0.2895

107.1542, 0.2715,
0.2995

31.2318, 0.2516,
0.2844

136.5809, 0.2746,
0.3018

20.7754, 0.2433,
0.2779

170.9550, 0.2773,
0.3038

12.9599, 0.2324,
0.2693

210.6607, 0.2796,
0.3055

7.4010, 0.2176,
0.2573

256.0825, 0.2817,
0.3070

3.7141, 0.1964,
0.2395

307.6047, 0.2835,

1.5150, 0.1642,

0.3083

0.2111

365.6118, 0.2851,
0.3095

0.2992, 0.0389,
0.1311

0.0000, 0.0000,
0.0000

61.6048, 0.2635,
0.2935

61.6048, 0.2635,
0.2935

54.5897, 0.2481,
0.2800

69.4003, 0.2793,
0.3060

48.3153, 0.2336,
0.2656

77.9993, 0.2950,
0.3174

42.7485, 0.2203,
0.2506

87.4324, 0.3106,
0.3277

37.8503, 0.2086,
0.2351

96.2021, 0.3206,
0.3370

■ 33.5764, 0.1990,
0.2196

■ 99.1912, 0.3203,
0.3415

■ 29.8743, 0.1915,
0.2044

■ 27.0726, 0.1866,
0.1916

Harmonies

Analogous

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



61.6048, 0.2634, 0.3126



61.6048, 0.2635, 0.2935



61.6048, 0.2761, 0.2847

Triad

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



61.6048, 0.2635, 0.2935



61.6048, 0.3504, 0.3192



61.6048, 0.3251, 0.3753

Complementary

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



61.6048, 0.2635, 0.2935



61.1554, 0.3744, 0.3619

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.



61.6048, 0.3495, 0.3751



61.6048, 0.2635, 0.2935



61.6048, 0.3647, 0.3418

Square

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



61.6048, 0.2635, 0.2935



61.6048, 0.3259, 0.2996



61.6048, 0.3642, 0.3623



61.6048, 0.2982, 0.3613

Rectangle

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



61.6048, 0.2635, 0.2935



61.6048, 0.2903, 0.2851



61.6048, 0.3642, 0.3623



61.6048, 0.3339, 0.3768

Sweetspot

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



61.6072, 0.2635, 0.2935



90.2515, 0.2987, 0.3199



75.5714, 0.2923, 0.3851



18.9958, 0.2965, 0.3184



0.0000, 0.0000, 0.0000



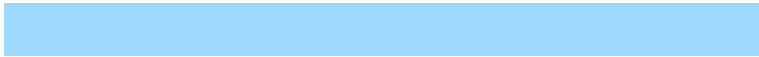
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6072, 0.2635, 0.2935



63.9669, 0.2531, 0.2845



45.1596, 0.2580, 0.2475



16.8192, 0.2980, 0.3194



14.8169, 0.1873, 0.1941



1.4261, 0.1927, 0.2137

Inverse Universe

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



50.9303, 0.3417, 0.2800



50.7416, 0.3500, 0.2692



79.9958, 0.3627, 0.3992



15.9194, 0.3199, 0.3148



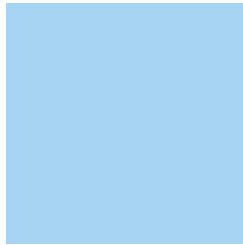
11.2891, 0.4520, 0.2264



0.9587, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 61.6048, 0.2635, 0.2935 looks on a white background.

Color Contrast Check

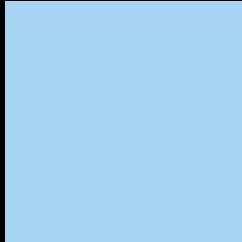
Large Text (above 18pt) WCAG AA × Fail

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 61.6048, 0.2635, 0.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

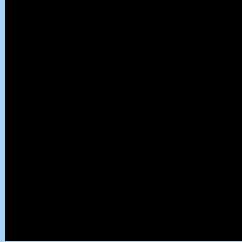
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

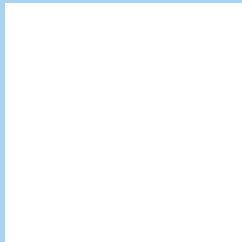
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6048, 0.2635, 0.2935

Background



This preview shows how black text looks on a background with the Yxy color 61.6048, 0.2635, 0.2935.



This preview shows how white text looks on a background with the Yxy color 61.6048, 0.2635, 0.2935.

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

61.6048, 0.2635, 0.2935

Protanopia

61.5212, 0.2882, 0.2928

Deuteranopia

61.4268, 0.2872, 0.2815



Tritanopia

61.7552, 0.2686, 0.3084

Trichromacy



Original Color

61.6048, 0.2635, 0.2935

Protanomaly

61.4901, 0.2790, 0.2933

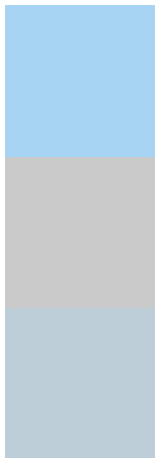
Deuteranomaly

61.2101, 0.2778, 0.2858

Tritanomaly

61.5860, 0.2668, 0.3026

Monochromacy



Original Color

61.6048, 0.2635, 0.2935

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9712, 0.2928, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6048, 0.2635, 0.2935 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(166, 212, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 212, 242)  
}
```

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(166, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 212, 242) }
```

Border

The CSS property to change the border of an element to Yxy 61.6048, 0.2635, 0.2935 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(166, 212, 242) }
```

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

```
.border{ border-color:rgb(166, 212, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 212, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 212,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6048, 0.2635, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 212, 242) }
```

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

```
.background{ background-color: rgb(166,  
212, 242) }
```

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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