

Converting Colors

Yxy(62.3713, 0.2636, 0.2888)

Have a look what the booklet for
Yxy(62.3713, 0.2636, 0.2888)
contains.

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Color

Yxy(62.3484, 0.2631, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	AAD4F7
RGB	170, 212, 247
RGB Percent	67%, 83%, 97%
CMY	0.3335, 0.1686, 0.0314
CMYK	0.31, 0.14, 0.00, 0.03
HSL	207°, 83%, 82%
HSV	207°, 31%, 97%
XYZ	56.8986, 62.3484, 97.0152
YIQ	203.4320, -36.2670, 1.9810

Conversions

Conversions Part 2

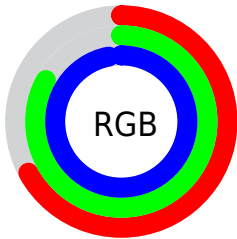
Format	Color
R_{YB}	170, 197, 247
Decimal	11195639
CIE _{Lab}	83.10, -5.75, -21.59
CIE _{LCh}	83, 22.346, 255.085
Yxy	62.3484, 0.2631, 0.2883
Android (android.graphics.Color)	4289385719 (0xFFAAD4F7)
YUV	203.4320, 21.4790, -29.3199
Hunter-Lab	78.9610, -9.5563, -17.5738

Details

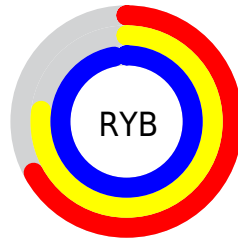
The Yxy color **62.3484, 0.2631, 0.2883** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.2926, 0.3725, 0.3664**, and the grayscale version is **59.8814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **31.5885, 0.2511, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **54.4408, 0.2471, 0.2726**, and if you desaturate by 10%, it is **71.1671, 0.2793, 0.3027**.

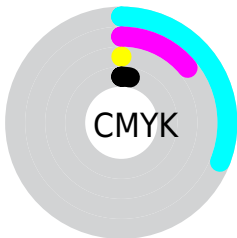
Distribution



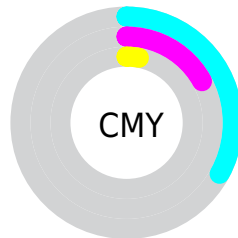
- Red (67%)
- Green (83%)
- Blue (97%)



- Red (67%)
- Yellow (77%)
- Blue (97%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3484, 0.2631, 0.2883 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 62.3484, 0.2631, 0.2883 by changing the saturation by 10% instead.

■ 62.3484, 0.2631,
0.2883

■ 62.3484, 0.2631,
0.2883

433.2008, 0.2863,
0.3077

■ 45.3143, 0.2578,
0.2838

■ 108.2289, 0.2712,
0.2951

■ 31.7050, 0.2512,
0.2781

137.8441, 0.2743,
0.2977

■ 21.1363, 0.2429,
0.2709

172.4217, 0.2770,
0.3000

■ 13.2237, 0.2320,
0.2614

212.3462, 0.2793,
0.3019

■ 7.5828, 0.2173,
0.2483

258.0020, 0.2814,
0.3036

■ 3.8291, 0.1963,
0.2292

309.7734, 0.2832,

■ 1.5785, 0.1647,

0.3051

0.1995

368.0449, 0.2848,
0.3065

0.3430, 0.0679,
0.1254

0.0000, 0.0000,
0.0000

62.3484, 0.2631,
0.2883

62.3484, 0.2631,
0.2883

54.4408, 0.2471,
0.2726

71.1671, 0.2793,
0.3027

47.4000, 0.2318,
0.2559

80.9238, 0.2953,
0.3159

41.1886, 0.2176,
0.2385

91.6534, 0.3109,
0.3277

35.7624, 0.2051,
0.2206

99.4943, 0.3174,
0.3367

■ 31.0719, 0.1945,
0.2027

■ 27.0589, 0.1863,
0.1853

■ 24.0088, 0.1807,
0.1706

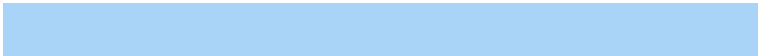
Harmonies

Analogous

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



62.3484, 0.2597, 0.3059



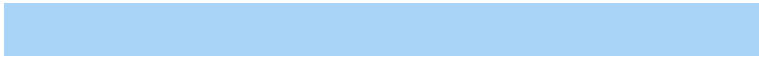
62.3484, 0.2631, 0.2883



62.3484, 0.2792, 0.2821

Triad

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



62.3484, 0.2631, 0.2883



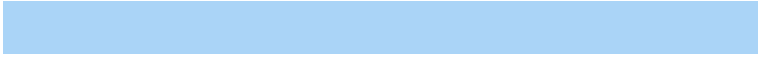
62.3484, 0.3574, 0.3243



62.3484, 0.3187, 0.3755

Complementary

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



62.3484, 0.2631, 0.2883



66.2926, 0.3725, 0.3664

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.



62.3484, 0.3457, 0.3790



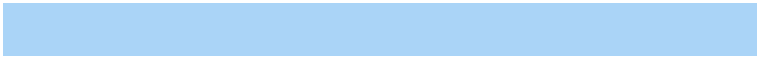
62.3484, 0.2631, 0.2883



62.3484, 0.3688, 0.3480

Square

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



62.3484, 0.2631, 0.2883



62.3484, 0.3335, 0.3026



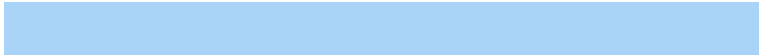
62.3484, 0.3644, 0.3683



62.3484, 0.2909, 0.3577

Rectangle

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



62.3484, 0.2631, 0.2883



62.3484, 0.2955, 0.2844



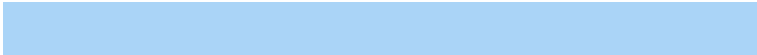
62.3484, 0.3644, 0.3683



62.3484, 0.3282, 0.3784

Sweetspot

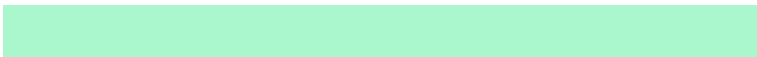
The Sweet Spot groups the original color and five complimentary colors.



62.3509, 0.2631, 0.2883



89.4371, 0.2987, 0.3186



79.4399, 0.2897, 0.3785



18.7951, 0.2964, 0.3168



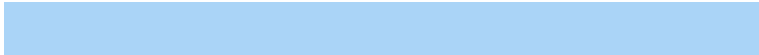
0.0000, 0.0000, 0.0000



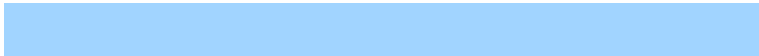
21.4041, 0.3127, 0.3290

Same Dimension

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



62.3509, 0.2631, 0.2883



61.9357, 0.2537, 0.2792



45.4505, 0.2576, 0.2416



17.4267, 0.2980, 0.3180



12.9874, 0.1815, 0.1734



1.3468, 0.1874, 0.1944

Inverse Universe

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



53.2561, 0.3454, 0.2847



51.3899, 0.3538, 0.2762



86.8502, 0.3610, 0.4035



16.6340, 0.3208, 0.3161



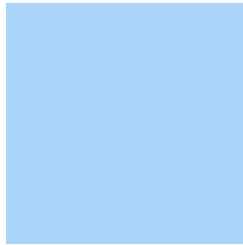
11.4105, 0.4765, 0.2399



1.0236, 0.4516, 0.2262

Previews

White Background



This preview shows how the Yxy color 62.3484, 0.2631, 0.2883 looks on a white background.

Color Contrast Check

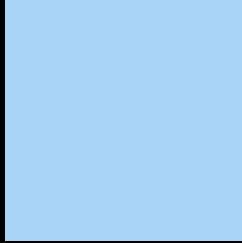
Large Text (above 18pt) WCAG AA × Fail

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 62.3484, 0.2631, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

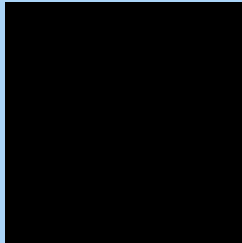
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

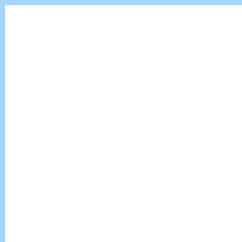
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.3484, 0.2631, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 62.3484, 0.2631, 0.2883.



This preview shows how white text looks on a background with the Yxy color 62.3484, 0.2631, 0.2883.

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

62.3484, 0.2631, 0.2883

Protanopia

62.2156, 0.2838, 0.2875

Deuteranopia

62.0597, 0.2834, 0.2774



Tritanopia

62.6426, 0.2700, 0.3086

Trichromacy



Original Color

62.3484, 0.2631, 0.2883

Protanomaly

62.3348, 0.2755, 0.2880

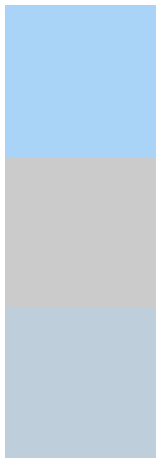
Deuteranomaly

62.1264, 0.2756, 0.2818

Tritanomaly

62.5324, 0.2677, 0.3017

Monochromacy



Original Color

62.3484, 0.2631, 0.2883

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3335, 0.2929, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3484, 0.2631, 0.2883 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(170, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(170, 212, 247)  
}
```

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(170, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 212, 247) }
```

Border

The CSS property to change the border of an element to Yxy 62.3484, 0.2631, 0.2883 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(170, 212, 247) }
```

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

```
.border{ border-color:rgb(170, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(170, 212,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3484, 0.2631, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 212, 247) }
```

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

```
.background{ background-color: rgb(170,  
212, 247) }
```

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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