

Converting Colors

$Yxy(61.4173, 0.2593, 0.2865)$

Have a look what the booklet for
Yxy(61.4173, 0.2593, 0.2865)
contains.

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Color

Yxy(61.2584, 0.2590, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	A4D3F8
RGB	164, 211, 248
RGB Percent	64%, 83%, 97%
CMY	0.3566, 0.1726, 0.0276
CMYK	0.34, 0.15, 0.00, 0.03
HSL	206°, 86%, 81%
HSV	206°, 34%, 97%
XYZ	55.5530, 61.2584, 97.6788
YIQ	201.1650, -39.8890, 1.5430

Conversions

Conversions Part 2

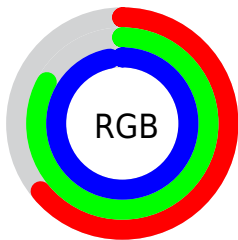
Format	Color
RYB	164, 194, 248
Decimal	10802168
CIELab	82.52, -6.60, -23.03
CIELCh	83, 23.958, 254.019
Yxy	61.2584, 0.2590, 0.2856
Android (android.graphics.Color)	4288992248 (0xFFA4D3F8)
YUV	201.1650, 23.0897, -32.5937
Hunter-Lab	78.2677, -10.2726, -19.2070

Details

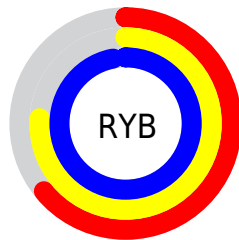
The Yxy color **61.2584, 0.2590, 0.2856** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.4263, 0.3793, 0.3685**, and the grayscale version is **58.3968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.1709, 0.2457, 0.2747** is the 20% darker color. If you saturate the color by 10%, you get **53.6271, 0.2433, 0.2701**, and if you desaturate by 10%, it is **69.7780, 0.2751, 0.2999**.

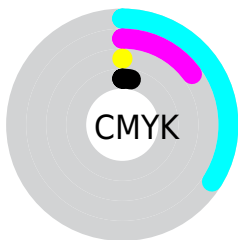
Distribution



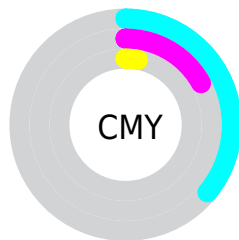
- Red (64%)
- Green (83%)
- Blue (97%)



- Red (64%)
- Yellow (76%)
- Blue (97%)



- Cyan (34%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)




- Cyan (36%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2584, 0.2590, 0.2856 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 61.2584, 0.2590, 0.2856 by changing the saturation by 10% instead.


 61.2584, 0.2590,
0.2856


 61.2584, 0.2590,
0.2856

429.2208, 0.2841,
0.3063

 44.4337, 0.2532,
0.2807

 106.6530, 0.2677,
0.2929

 31.0116, 0.2461,
0.2747


 135.9917, 0.2711,
0.2957

 20.6077, 0.2371,
0.2669


170.2706, 0.2741,
0.2981

 12.8376, 0.2253,
0.2567

209.8740, 0.2766,
0.3002

 7.3168, 0.2095,
0.2426

255.1863, 0.2788,
0.3020

 3.6610, 0.1870,
0.2221

306.5919, 0.2808,

 1.4858, 0.1533,

0.3036

0.1904

364.4753, 0.2825,
0.3050

0.2787, 0.0393,
0.1055

0.0000, 0.0000,
0.0000

61.2584, 0.2590,
0.2856

61.2584, 0.2590,
0.2856

53.6271, 0.2433,
0.2701

69.7780, 0.2751,
0.2999

46.8397, 0.2284,
0.2537

79.2134, 0.2911,
0.3130

40.8578, 0.2148,
0.2366

89.5995, 0.3068,
0.3248

35.6366, 0.2029,
0.2192

99.3679, 0.3168,
0.3354

■ 31.1248, 0.1931,
0.2020

■ 99.5555, 0.3168,
0.3357

■ 27.2614, 0.1857,
0.1852

■ 25.1523, 0.1820,
0.1752

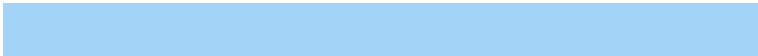
Harmonies

Analogous

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



61.2584, 0.2559, 0.3048



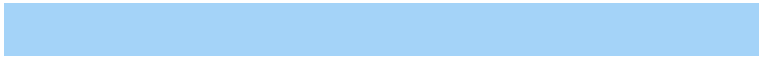
61.2584, 0.2590, 0.2856



61.2584, 0.2758, 0.2786

Triad

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



61.2584, 0.2590, 0.2856



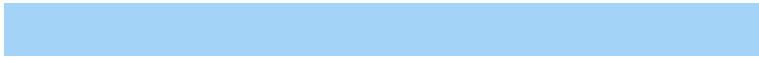
61.2584, 0.3602, 0.3230



61.2584, 0.3202, 0.3798

Complementary

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



61.2584, 0.2590, 0.2856



64.4263, 0.3793, 0.3685

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.



61.2584, 0.3491, 0.3828



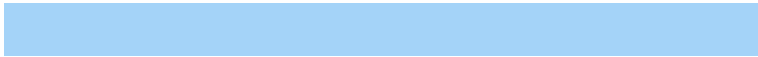
61.2584, 0.2590, 0.2856



61.2584, 0.3731, 0.3484

Square

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



61.2584, 0.2590, 0.2856



61.2584, 0.3340, 0.2999



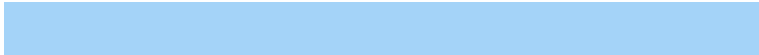
61.2584, 0.3689, 0.3705



61.2584, 0.2902, 0.3609

Rectangle

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



61.2584, 0.2590, 0.2856



61.2584, 0.2930, 0.2809



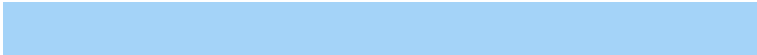
61.2584, 0.3689, 0.3705



61.2584, 0.3304, 0.3827

Sweetspot

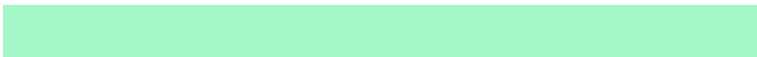
The Sweet Spot groups the original color and five complimentary colors.



61.2608, 0.2590, 0.2856



88.5189, 0.2972, 0.3177



79.2066, 0.2887, 0.3852



18.6191, 0.2949, 0.3160



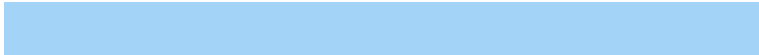
0.0000, 0.0000, 0.0000



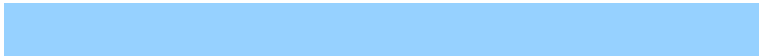
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2608, 0.2590, 0.2856



59.3116, 0.2476, 0.2745



43.2962, 0.2524, 0.2346



18.2536, 0.2980, 0.3183



13.8752, 0.1827, 0.1778



1.4963, 0.1882, 0.1974

Inverse Universe

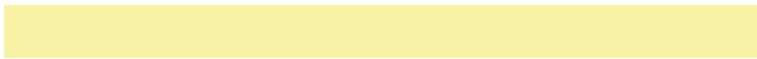
The Inverse Universe completely reimagines the original color for something new.



51.2280, 0.3481, 0.2797



47.8164, 0.3586, 0.2691



86.3633, 0.3656, 0.4086



17.3878, 0.3206, 0.3158



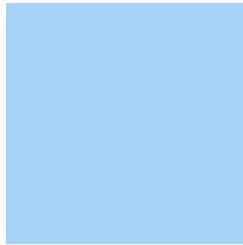
11.8116, 0.4712, 0.2369



1.1153, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 61.2584, 0.2590, 0.2856 looks on a white background.

Color Contrast Check

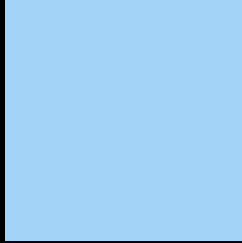
Large Text (above 18pt) WCAG AA × Fail

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 61.2584, 0.2590, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

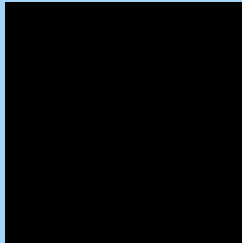
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

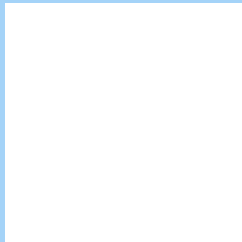
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2584, 0.2590, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 61.2584, 0.2590, 0.2856.



This preview shows how white text looks on a background with the Yxy color 61.2584, 0.2590, 0.2856.

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

61.2584, 0.2590, 0.2856

Protanopia

61.0533, 0.2817, 0.2840

Deuteranopia

60.7672, 0.2806, 0.2738



Tritanopia

61.3362, 0.2662, 0.3083

Trichromacy



Original Color

61.2584, 0.2590, 0.2856

Protanomaly

61.0495, 0.2728, 0.2844

Deuteranomaly

60.7167, 0.2722, 0.2781

Tritanomaly

61.2800, 0.2634, 0.3001

Monochromacy



Original Color

61.2584, 0.2590, 0.2856

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4160, 0.2914, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2584, 0.2590, 0.2856 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(164, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(164, 211, 248)  
}
```

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(164, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 211, 248) }
```

Border

The CSS property to change the border of an element to Yxy 61.2584, 0.2590, 0.2856 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(164, 211, 248) }
```

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

```
.border{ border-color:rgb(164, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(164, 211,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2584, 0.2590, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 211, 248) }
```

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

```
.background{ background-color: rgb(164,  
211, 248) }
```

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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