

Converting Colors

$Y_{xy}(60.9130, 0.2592, 0.2879)$

Have a look what the booklet for
Yxy(60.9130, 0.2592, 0.2879)
contains.

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Color

Yxy(60.9237, 0.2589, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	A2D3F6
RGB	162, 211, 246
RGB Percent	64%, 83%, 96%
CMY	0.3643, 0.1726, 0.0352
CMYK	0.34, 0.14, 0.00, 0.04
HSL	205°, 82%, 80%
HSV	205°, 34%, 96%
XYZ	54.8440, 60.9237, 96.0671
YIQ	200.3390, -40.4390, 0.4970

Conversions

Conversions Part 2

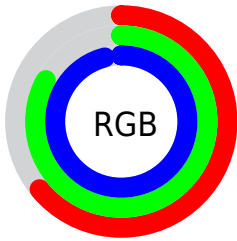
Format	Color
R _{YB}	162, 193, 246
Decimal	10671094
CIE Lab	82.34, -7.61, -22.28
CIE LCh	82, 23.539, 251.145
Yxy	60.9237, 0.2589, 0.2876
Android (android.graphics.Color)	4288861174 (0xFFA2D3F6)
YUV	200.3390, 22.5109, -33.6233
Hunter-Lab	78.0536, -11.1716, -18.3356

Details

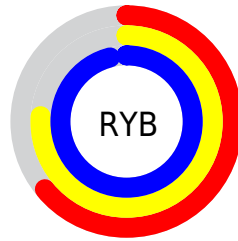
The Yxy color **60.9237, 0.2589, 0.2876** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.1955, 0.3806, 0.3668**, and the grayscale version is **57.8680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **30.9574, 0.2456, 0.2774** is the 20% darker color. If you saturate the color by 10%, you get **53.6549, 0.2435, 0.2730**, and if you desaturate by 10%, it is **69.0273, 0.2748, 0.3012**.

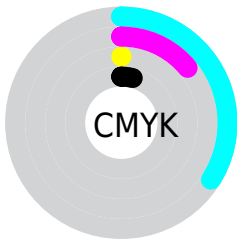
Distribution



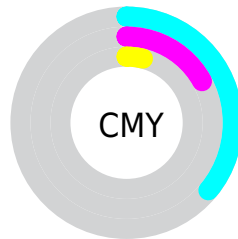
- Red (64%)
- Green (83%)
- Blue (96%)



- Red (64%)
- Yellow (76%)
- Blue (96%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)





- Cyan (36%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9237, 0.2589, 0.2876 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 60.9237, 0.2589, 0.2876 by changing the saturation by 10% instead.


 60.9237, 0.2589,
0.2876


 60.9237, 0.2589,
0.2876


427.9942, 0.2841,
0.3074

 44.1636, 0.2531,
0.2829


 106.1685, 0.2677,
0.2946

 30.7991, 0.2460,
0.2771


 135.4219, 0.2711,
0.2973

 20.4459, 0.2369,
0.2696


169.6086, 0.2740,
0.2996

 12.7196, 0.2251,
0.2597

209.1128, 0.2765,
0.3016

 7.2358, 0.2091,
0.2459

254.3192, 0.2788,
0.3033

 3.6100, 0.1864,
0.2259

305.6119, 0.2807,

 1.4579, 0.1524,

0.3049

0.1944

363.3754, 0.2825,
0.3062

0.2588, 0.0246,
0.1057

0.0000, 0.0000,
0.0000

60.9237, 0.2589,
0.2876

60.9237, 0.2589,
0.2876

53.6549, 0.2435,
0.2730

69.0273, 0.2748,
0.3012

47.1782, 0.2289,
0.2575

77.9914, 0.2907,
0.3135

41.4573, 0.2157,
0.2414

87.8495, 0.3064,
0.3247

36.4489, 0.2042,
0.2250

97.5728, 0.3181,
0.3348

■ 32.1041, 0.1948,
0.2086

■ 99.4346, 0.3179,
0.3376

■ 28.3639, 0.1877,
0.1927

■ 26.3966, 0.1843,
0.1836

Harmonies

Analogous

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



60.9237, 0.2572, 0.3076



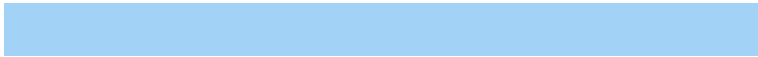
60.9237, 0.2589, 0.2876



60.9237, 0.2742, 0.2794

Triad

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



60.9237, 0.2589, 0.2876



60.9237, 0.3574, 0.3207



60.9237, 0.3230, 0.3800

Complementary

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



60.9237, 0.2589, 0.2876



62.1955, 0.3806, 0.3668

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.



60.9237, 0.3510, 0.3814



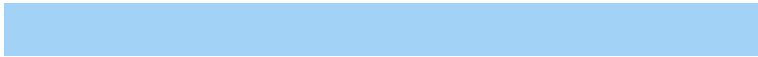
60.9237, 0.2589, 0.2876



60.9237, 0.3717, 0.3458

Square

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



60.9237, 0.2589, 0.2876



60.9237, 0.3308, 0.2985



60.9237, 0.3691, 0.3682



60.9237, 0.2932, 0.3627

Rectangle

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



60.9237, 0.2589, 0.2876



60.9237, 0.2907, 0.2809



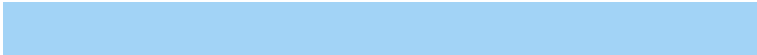
60.9237, 0.3691, 0.3682



60.9237, 0.3329, 0.3823

Sweetspot

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



60.9261, 0.2589, 0.2876



88.8761, 0.2972, 0.3183



77.6446, 0.2892, 0.3874



18.7056, 0.2949, 0.3167



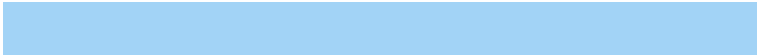
0.0000, 0.0000, 0.0000



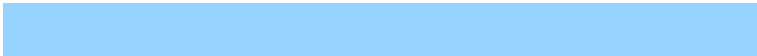
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9261, 0.2589, 0.2876



60.5139, 0.2481, 0.2775



42.7539, 0.2520, 0.2355



17.5308, 0.2980, 0.3189



14.3714, 0.1850, 0.1861



1.4659, 0.1905, 0.2057

Inverse Universe

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



50.1710, 0.3467, 0.2774



47.9378, 0.3563, 0.2668



83.9517, 0.3664, 0.4079



16.6445, 0.3202, 0.3153



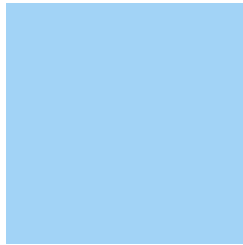
11.5502, 0.4613, 0.2315



1.0356, 0.4388, 0.2191

Previews

White Background



This preview shows how the Yxy color 60.9237, 0.2589, 0.2876 looks on a white background.

Color Contrast Check

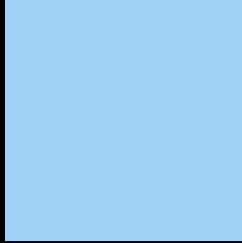
Large Text (above 18pt) WCAG AA × Fail

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 60.9237, 0.2589, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

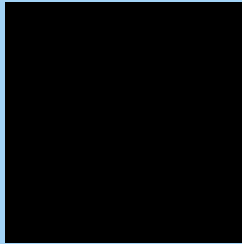
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

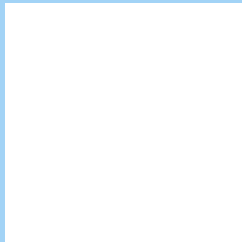
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9237, 0.2589, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 60.9237, 0.2589, 0.2876.



This preview shows how white text looks on a background with the Yxy color 60.9237, 0.2589, 0.2876.

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

60.9237, 0.2589, 0.2876

Protanopia

60.4026, 0.2835, 0.2860

Deuteranopia

60.6424, 0.2818, 0.2758



Tritanopia

61.1318, 0.2651, 0.3082

Trichromacy



Original Color

60.9237, 0.2589, 0.2876

Protanomaly

60.2638, 0.2738, 0.2863

Deuteranomaly

60.4659, 0.2727, 0.2801

Tritanomaly

61.0156, 0.2628, 0.3012

Monochromacy



Original Color

60.9237, 0.2589, 0.2876

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6346, 0.2906, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9237, 0.2589, 0.2876 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(162, 211, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 211, 246)  
}
```

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(162, 211, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 211, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.9237, 0.2589, 0.2876 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(162, 211, 246) }
```

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

```
.border{ border-color:rgb(162, 211, 246) }
```

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

Here you see how a box with a 4 pixel rgb(162, 211, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 211, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 211, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 211,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9237, 0.2589, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 211, 246) }
```

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

```
.background{ background-color: rgb(162,  
211, 246) }
```

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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