

Converting Colors

$Yxy(60.7474, 0.2663, 0.2943)$

Have a look what the booklet for
Yxy(60.7474, 0.2663, 0.2943)
contains.

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Color

Yxy(60.7602, 0.2666, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	A9D2EF
RGB	169, 210, 239
RGB Percent	66%, 82%, 94%
CMY	0.3374, 0.1764, 0.0627
CMYK	0.29, 0.12, 0.00, 0.06
HSL	205°, 69%, 80%
HSV	205°, 29%, 94%
XYZ	54.9853, 60.7602, 90.5009
YIQ	201.0470, -33.7450, 0.3270

Conversions

Conversions Part 2

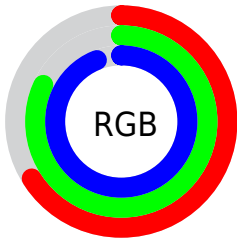
Format	Color
R _Y B	169, 195, 239
Decimal	11129583
CIE Lab	82.25, -6.87, -18.65
CIE LCh	82, 19.874, 249.775
Yxy	60.7602, 0.2666, 0.2946
Android (android.graphics.Color)	4289319663 (0xFFA9D2EF)
YUV	201.0470, 18.7108, -28.1052
Hunter-Lab	77.9488, -10.4961, -14.2733

Details

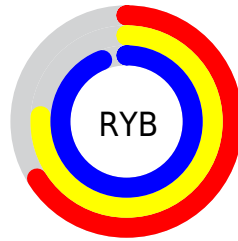
The Yxy color **60.7602, 0.2666, 0.2946** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.5941, 0.3689, 0.3610**, and the grayscale version is **58.3353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **30.8407, 0.2555, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **53.6194, 0.2510, 0.2806**, and if you desaturate by 10%, it is **68.6913, 0.2825, 0.3075**.

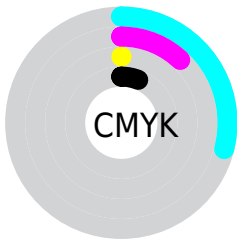
Distribution



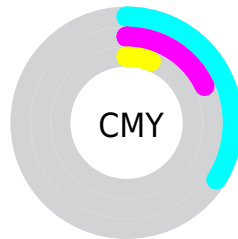
- Red (66%)
- Green (82%)
- Blue (94%)



- Red (66%)
- Yellow (76%)
- Blue (94%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7602, 0.2666, 0.2946 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 60.7602, 0.2666, 0.2946 by changing the saturation by 10% instead.

■ 60.7602, 0.2666,
0.2946

■ 60.7602, 0.2666,
0.2946

427.3942, 0.2883,
0.3111

■ 44.0317, 0.2616,
0.2907

■ 105.9316, 0.2742,
0.3005

■ 30.6954, 0.2554,
0.2858

135.1434, 0.2771,
0.3027

■ 20.3670, 0.2474,
0.2795

169.2849, 0.2796,
0.3046

■ 12.6621, 0.2370,
0.2710

208.7407, 0.2818,
0.3063

■ 7.1963, 0.2228,
0.2593

253.8951, 0.2837,
0.3077

■ 3.5852, 0.2023,
0.2418

305.1326, 0.2854,

■ 1.4443, 0.1707,

0.3090

0.2138

362.8375, 0.2869,
0.3101

0.2491, 0.0340,
0.1226

0.0000, 0.0000,
0.0000

60.7602, 0.2666,
0.2946

60.7602, 0.2666,
0.2946

53.6194, 0.2510,
0.2806

68.6913, 0.2825,
0.3075

47.2298, 0.2360,
0.2657

77.4350, 0.2983,
0.3192

41.5595, 0.2221,
0.2500

87.0217, 0.3138,
0.3297

36.5705, 0.2098,
0.2339

95.6156, 0.3225,
0.3393

■ 32.2202, 0.1994,
0.2176

■ 99.0128, 0.3220,
0.3444

■ 28.4591, 0.1912,
0.2015

■ 25.2127, 0.1851,
0.1860

■ 25.0001, 0.1847,
0.1850

Harmonies

Analogous

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



60.7602, 0.2657, 0.3121



60.7602, 0.2666, 0.2946



60.7602, 0.2793, 0.2869

Triad

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



60.7602, 0.2666, 0.2946



60.7602, 0.3496, 0.3212



60.7602, 0.3228, 0.3721

Complementary

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



60.7602, 0.2666, 0.2946



61.5941, 0.3689, 0.3610

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.



60.7602, 0.3461, 0.3730



60.7602, 0.2666, 0.2946



60.7602, 0.3622, 0.3426

Square

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



60.7602, 0.2666, 0.2946



60.7602, 0.3269, 0.3023



60.7602, 0.3608, 0.3617



60.7602, 0.2974, 0.3582

Rectangle

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



60.7602, 0.2666, 0.2946



60.7602, 0.2931, 0.2878



60.7602, 0.3608, 0.3617



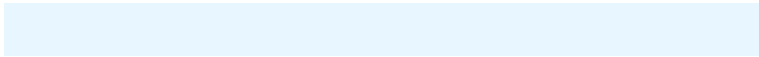
60.7602, 0.3311, 0.3739

Sweetspot

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



60.7626, 0.2666, 0.2946



89.9897, 0.2987, 0.3195



74.2038, 0.2929, 0.3793



18.9313, 0.2964, 0.3178



0.0000, 0.0000, 0.0000



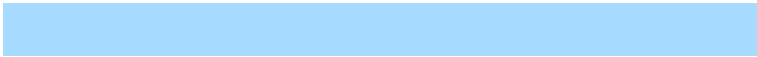
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7626, 0.2666, 0.2946



65.4643, 0.2575, 0.2866



45.7061, 0.2620, 0.2523



16.7678, 0.2980, 0.3190



14.0788, 0.1854, 0.1874



1.3670, 0.1911, 0.2079

Inverse Universe

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



51.3723, 0.3404, 0.2847



53.5058, 0.3477, 0.2756



78.9354, 0.3589, 0.3956



15.9142, 0.3201, 0.3153



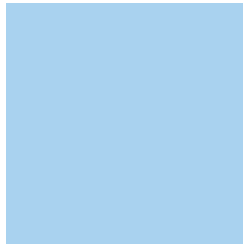
11.2146, 0.4598, 0.2306



0.9527, 0.4364, 0.2178

Previews

White Background



This preview shows how the Yxy color 60.7602, 0.2666, 0.2946 looks on a white background.

Color Contrast Check

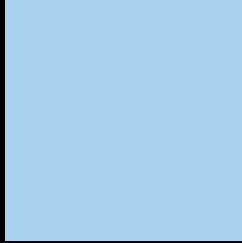
Large Text (above 18pt) WCAG AA × Fail

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 60.7602, 0.2666, 0.2946 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

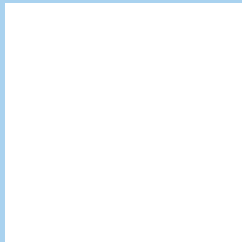
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7602, 0.2666, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 60.7602, 0.2666, 0.2946.



This preview shows how white text looks on a background with the Yxy color 60.7602, 0.2666, 0.2946.

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

60.7602, 0.2666, 0.2946

Protanopia

60.3237, 0.2887, 0.2926

Deuteranopia

60.3195, 0.2890, 0.2823



Tritanopia

60.9596, 0.2713, 0.3084

Trichromacy



Original Color

60.7602, 0.2666, 0.2946

Protanomaly

60.4101, 0.2800, 0.2931

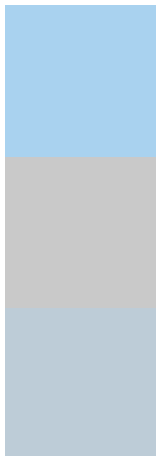
Deuteranomaly

60.3406, 0.2808, 0.2868

Tritanomaly

60.7966, 0.2695, 0.3026

Monochromacy



Original Color

60.7602, 0.2666, 0.2946

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9108, 0.2940, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7602, 0.2666, 0.2946 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(169, 210, 239)` looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 239)  
}
```

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(169, 210, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.7602, 0.2666, 0.2946 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(169, 210, 239) }
```

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

```
.border{ border-color:rgb(169, 210, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 210, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 239);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7602, 0.2666, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 239) }
```

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

```
.background{ background-color: rgb(169,  
210, 239) }
```

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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