

Converting Colors

$Yxy(61.7738, 0.2434, 0.2893)$

Have a look what the booklet for
Yxy(61.7738, 0.2434, 0.2893)
contains.

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Color

Yxy(61.5962, 0.2436, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	86D9FA
RGB	134, 217, 250
RGB Percent	53%, 85%, 98%
CMY	0.4743, 0.1490, 0.0198
CMYK	0.46, 0.13, 0.00, 0.02
HSL	197°, 92%, 75%
HSV	197°, 46%, 98%
XYZ	51.9019, 61.5962, 99.5638
YIQ	195.9450, -60.0610, -7.3330

Conversions

Conversions Part 2

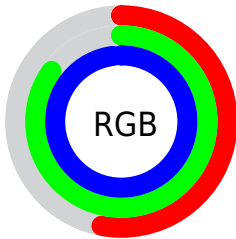
Format	Color
RYB	134, 182, 250
Decimal	8837626
CIELab	82.70, -16.74, -23.95
CIElCh	83, 29.225, 235.049
Yxy	61.5962, 0.2436, 0.2891
Android (android.graphics.Color)	4287027706 (0xFF86D9FA)
YUV	195.9450, 26.6491, -54.3258
Hunter-Lab	78.4832, -19.3016, -20.2770

Details

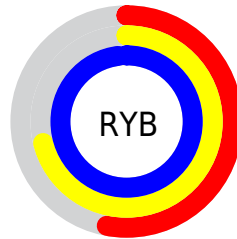
The Yxy color **61.5962, 0.2436, 0.2891** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.6879, 0.4220, 0.3644**, and the grayscale version is **55.0403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **31.1868, 0.2277, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **56.1939, 0.2311, 0.2788**, and if you desaturate by 10%, it is **67.6465, 0.2574, 0.2989**.

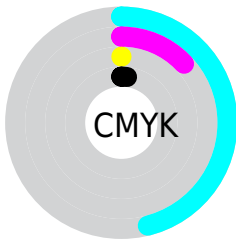
Distribution



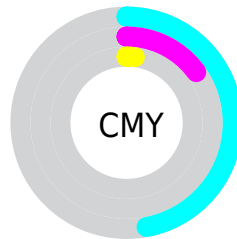
- Red (53%)
- Green (85%)
- Blue (98%)



- Red (53%)
- Yellow (71%)
- Blue (98%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5962, 0.2436, 0.2891 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 61.5962, 0.2436, 0.2891 by changing the saturation by 10% instead.

61.5962, 0.2436,
0.2891

61.5962, 0.2436,
0.2891

430.4566, 0.2756,
0.3086

44.7065, 0.2364,
0.2844

107.1417, 0.2547,
0.2960

31.2263, 0.2275,
0.2786

136.5663, 0.2590,
0.2987

20.7712, 0.2163,
0.2710

170.9380, 0.2627,
0.3010

12.9569, 0.2019,
0.2609

210.6412, 0.2659,
0.3029

7.3989, 0.1828,
0.2468

256.0602, 0.2688,
0.3046

3.7128, 0.1564,
0.2260

307.5796, 0.2713,

1.5142, 0.1188,

0.3061

0.1933

365.5836, 0.2736,
0.3074

0.2987, 0.0000,
0.1101

0.0000, 0.0000,
0.0000

61.5962, 0.2436,
0.2891

61.5962, 0.2436,
0.2891

56.1939, 0.2311,
0.2788

67.6465, 0.2574,
0.2989

51.3960, 0.2202,
0.2681

74.3709, 0.2721,
0.3082

47.1633, 0.2112,
0.2572

81.8026, 0.2874,
0.3167

43.4479, 0.2042,
0.2464

89.9698, 0.3029,
0.3244

■ 40.1902, 0.1992,
0.2357

■ 98.1238, 0.3158,
0.3315

■ 39.0871, 0.1977,
0.2318

■ 99.6797, 0.3156,
0.3338

Harmonies

Analogous

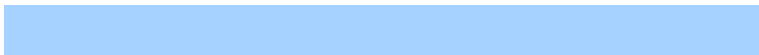
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.5962, 0.2506, 0.3197



61.5962, 0.2436, 0.2891



61.5962, 0.2535, 0.2716

Triad

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



61.5962, 0.2436, 0.2891



61.5962, 0.3516, 0.3033



61.5962, 0.3445, 0.3960

Complementary

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



61.5962, 0.2436, 0.2891



49.6879, 0.4220, 0.3644

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.



61.5962, 0.3739, 0.3865



61.5962, 0.2436, 0.2891



61.5962, 0.3788, 0.3325

Square

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



61.5962, 0.2436, 0.2891



61.5962, 0.3144, 0.2807



61.5962, 0.3869, 0.3626



61.5962, 0.3076, 0.3851

Rectangle

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



61.5962, 0.2436, 0.2891



61.5962, 0.2689, 0.2683



61.5962, 0.3869, 0.3626



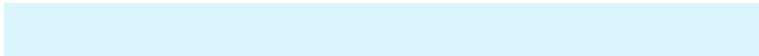
61.5962, 0.3556, 0.3949

Sweetspot

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



61.5985, 0.2436, 0.2891



87.5385, 0.2910, 0.3186



76.2077, 0.2901, 0.4337



18.3552, 0.2876, 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.



61.5985, 0.2436, 0.2891



58.9661, 0.2315, 0.2791



36.8304, 0.2301, 0.2144



18.7253, 0.2980, 0.3221



20.9975, 0.1982, 0.2336



2.1251, 0.2018, 0.2463

Inverse Universe

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



42.3949, 0.3485, 0.2443



37.7673, 0.3589, 0.2288



75.8099, 0.3925, 0.4214



17.4354, 0.3182, 0.3122



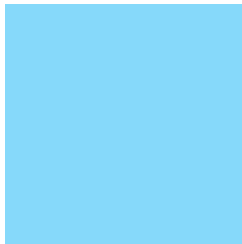
12.5306, 0.4089, 0.2026



1.1788, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 61.5962, 0.2436, 0.2891 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 61.5962, 0.2436, 0.2891 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 61.5962, 0.2436, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 61.5962, 0.2436, 0.2891.



This preview shows how white text looks on a background with the Yxy color 61.5962, 0.2436, 0.2891.

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

61.5962, 0.2436, 0.2891

Protanopia

61.0685, 0.2836, 0.2862

Deuteranopia

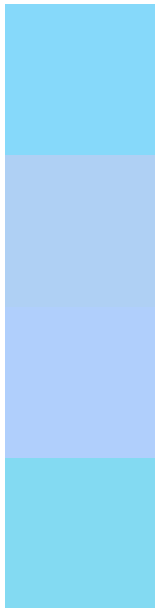
61.1445, 0.2775, 0.2717



Tritanopia

61.5233, 0.2482, 0.3065

Trichromacy



Original Color

61.5962, 0.2436, 0.2891

Protanomaly

60.7574, 0.2672, 0.2871

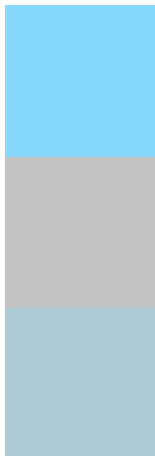
Deuteranomaly

60.8840, 0.2633, 0.2774

Tritanomaly

61.3789, 0.2461, 0.2994

Monochromacy



Original Color

61.5962, 0.2436, 0.2891

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.0278, 0.2822, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5962, 0.2436, 0.2891 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(134, 217, 250)` looks like.

```
.text, #text, p{  
    color:rgb(134, 217, 250)  
}
```

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(134, 217, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 217, 250) }
```

Border

The CSS property to change the border of an element to Yxy 61.5962, 0.2436, 0.2891 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(134, 217, 250) }
```

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

```
.border{ border-color:rgb(134, 217, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 217, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 217, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 217, 250);  
box-shadow:4px 4px 4px 4px rgb(134, 217,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5962, 0.2436, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 217, 250) }
```

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

```
.background{ background-color: rgb(134,  
217, 250) }
```

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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