

Converting Colors

$Yxy(61.6336, 0.2506, 0.2939)$

Have a look what the booklet for
Yxy(61.6336, 0.2506, 0.2939)
contains.

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Color

Yxy(61.6336, 0.2506, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	90D8F5
RGB	144, 216, 245
RGB Percent	56%, 85%, 96%
CMY	0.4349, 0.1530, 0.0392
CMYK	0.41, 0.12, 0.00, 0.04
HSL	197°, 83%, 76%
HSV	197°, 41%, 96%
XYZ	52.5532, 61.6336, 95.5226
YIQ	197.7780, -52.2210, -6.2450

Conversions

Conversions Part 2

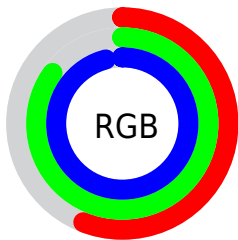
Format	Color
RYB	144, 186, 245
Decimal	9492725
CIELab	82.72, -15.13, -21.26
CIELCh	83, 26.089, 234.565
Yxy	61.6336, 0.2506, 0.2939
Android (android.graphics.Color)	4287682805 (0xFF90D8F5)
YUV	197.7780, 23.2804, -47.1633
Hunter-Lab	78.5071, -17.8982, -17.1855

Details

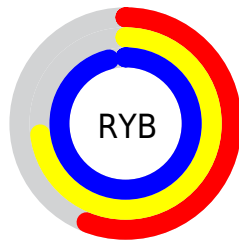
The Yxy color **61.6336, 0.2506, 0.2939** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **51.3694, 0.4052, 0.3609**, and the grayscale version is **56.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **31.1901, 0.2354, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **56.1279, 0.2374, 0.2837**, and if you desaturate by 10%, it is **67.7778, 0.2649, 0.3035**.

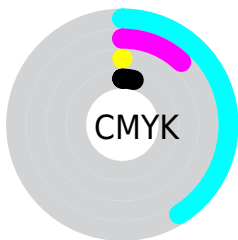
Distribution



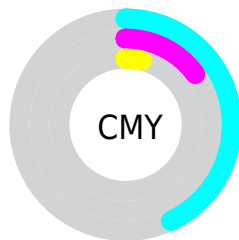
- Red (56%)
- Green (85%)
- Blue (96%)



- Red (56%)
- Yellow (73%)
- Blue (96%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)




- Cyan (43%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6336, 0.2506, 0.2939 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 61.6336, 0.2506, 0.2939 by changing the saturation by 10% instead.


 61.6336, 0.2506,
0.2939


 61.6336, 0.2506,
0.2939


430.5933, 0.2795,
0.3111

 44.7367, 0.2440,
0.2898


 107.1958, 0.2606,
0.3000

 31.2501, 0.2359,
0.2846


 136.6299, 0.2645,
0.3023

 20.7894, 0.2257,
0.2779


171.0119, 0.2679,
0.3043

 12.9701, 0.2124,
0.2689

210.7261, 0.2708,
0.3060

 7.4080, 0.1947,
0.2563

256.1569, 0.2733,
0.3075

 3.7185, 0.1698,
0.2375

307.6888, 0.2756,

 1.5174, 0.1333,

0.3089

0.2074

365.7062, 0.2776,
0.3100

0.3009, 0.0000,
0.1260

0.0000, 0.0000,
0.0000

61.6336, 0.2506,
0.2939

61.6336, 0.2506,
0.2939

56.1279, 0.2374,
0.2837

67.7778, 0.2649,
0.3035

51.2204, 0.2255,
0.2731

74.5837, 0.2800,
0.3125

46.8765, 0.2155,
0.2621

82.0818, 0.2954,
0.3207

43.0541, 0.2074,
0.2511

90.2983, 0.3109,
0.3282

■ 39.7030, 0.2013,
0.2402

■ 96.9891, 0.3188,
0.3350

■ 37.0711, 0.1974,
0.2307

■ 99.3734, 0.3185,
0.3386

Harmonies

Analogous

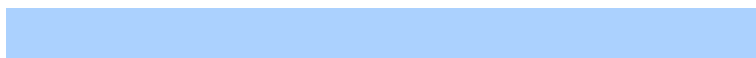
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.6336, 0.2572, 0.3215



61.6336, 0.2506, 0.2939



61.6336, 0.2594, 0.2777

Triad

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



61.6336, 0.2506, 0.2939



61.6336, 0.3470, 0.3056



61.6336, 0.3418, 0.3886

Complementary

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



61.6336, 0.2506, 0.2939



51.3694, 0.4052, 0.3609

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.



61.6336, 0.3678, 0.3803



61.6336, 0.2506, 0.2939



61.6336, 0.3713, 0.3320

Square

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



61.6336, 0.2506, 0.2939



61.6336, 0.3138, 0.2852



61.6336, 0.3790, 0.3590



61.6336, 0.3089, 0.3790

Rectangle

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



61.6336, 0.2506, 0.2939



61.6336, 0.2731, 0.2744



61.6336, 0.3790, 0.3590



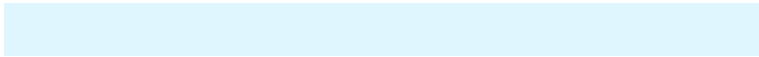
61.6336, 0.3517, 0.3876

Sweetspot

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



61.6360, 0.2506, 0.2939



89.1630, 0.2941, 0.3200



74.2569, 0.2921, 0.4197



18.8469, 0.2921, 0.3190



0.0000, 0.0000, 0.0000



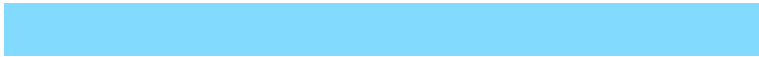
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6360, 0.2506, 0.2939



62.6620, 0.2400, 0.2859



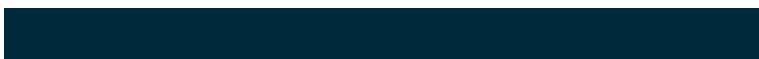
39.7924, 0.2402, 0.2296



17.9052, 0.2980, 0.3220



20.2175, 0.1979, 0.2325



1.9524, 0.2017, 0.2460

Inverse Universe

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



44.3498, 0.3436, 0.2538



42.3560, 0.3517, 0.2402



74.2871, 0.3829, 0.4115



16.6823, 0.3182, 0.3123



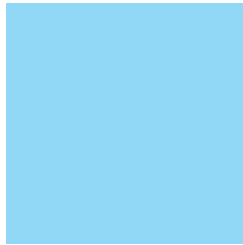
12.1403, 0.4100, 0.2033



1.0847, 0.3962, 0.1956

Previews

White Background



This preview shows how the Yxy color 61.6336, 0.2506, 0.2939 looks on a white background.

Color Contrast Check

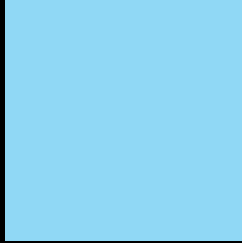
Large Text (above 18pt) WCAG AA × Fail

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 61.6336, 0.2506, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

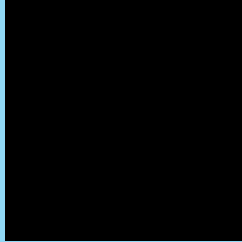
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6336, 0.2506, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 61.6336, 0.2506, 0.2939.



This preview shows how white text looks on a background with the Yxy color 61.6336, 0.2506, 0.2939.

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

61.6336, 0.2506, 0.2939

Protanopia

60.9684, 0.2868, 0.2905

Deuteranopia

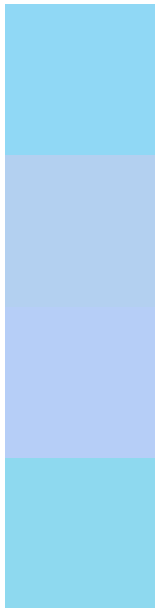
61.2471, 0.2826, 0.2771



Tritanopia

61.8037, 0.2544, 0.3080

Trichromacy



Original Color

61.6336, 0.2506, 0.2939

Protanomaly

60.9867, 0.2720, 0.2917

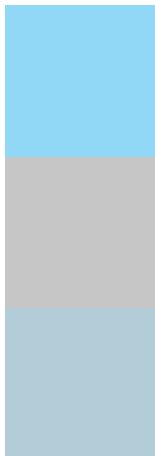
Deuteranomaly

60.8031, 0.2697, 0.2820

Tritanomaly

61.6085, 0.2527, 0.3020

Monochromacy



Original Color

61.6336, 0.2506, 0.2939

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.0339, 0.2863, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6336, 0.2506, 0.2939 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(144, 216, 245)` looks like.

```
.text, #text, p{  
    color:rgb(144, 216, 245)  
}
```

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(144, 216, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 216, 245) }
```

Border

The CSS property to change the border of an element to Yxy 61.6336, 0.2506, 0.2939 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(144, 216, 245) }
```

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

```
.border{ border-color:rgb(144, 216, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 216, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 216, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 216, 245);  
box-shadow:4px 4px 4px 4px rgb(144, 216,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6336, 0.2506, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 216, 245) }
```

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

```
.background{ background-color: rgb(144,  
216, 245) }
```

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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