

Converting Colors

$Yxy(46.9872, 0.2537, 0.2769)$

Have a look what the booklet for
Yxy(46.9872, 0.2537, 0.2769)
contains.

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Color

Yxy(46.9263, 0.2537, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	8FBBE3
RGB	143, 187, 227
RGB Percent	56%, 73%, 89%
CMY	0.4391, 0.2667, 0.1098
CMYK	0.37, 0.18, 0.00, 0.11
HSL	209°, 60%, 73%
HSV	209°, 37%, 89%
XYZ	42.9636, 46.9263, 79.4580
YIQ	178.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

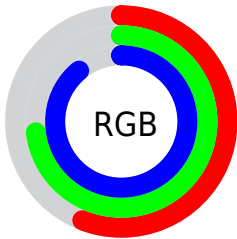
Format	Color
RYB	143, 172, 227
Decimal	9419747
CIELab	74.14, -4.82, -24.64
CIELCh	74, 25.110, 258.940
Yxy	46.9263, 0.2537, 0.2771
Android (android.graphics.Color)	4287609827 (0xFF8FBBE3)
YUV	178.4040, 23.9578, -31.0493
Hunter-Lab	68.5028, -7.9283, -20.8200

Details

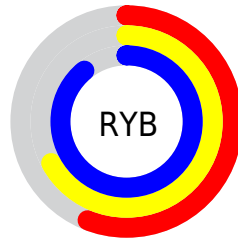
The Yxy color **46.9263, 0.2537, 0.2771** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.1818, 0.3854, 0.3754**, and the grayscale version is **44.6343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4633, 0.2790, 0.3162**, and **22.1526, 0.2378, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **40.6876, 0.2379, 0.2600**, and if you desaturate by 10%, it is **53.9237, 0.2699, 0.2930**.

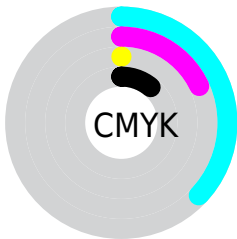
Distribution



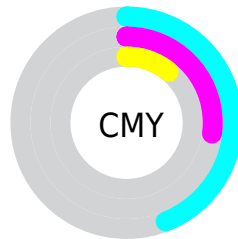
- Red (56%)
- Green (73%)
- Blue (89%)



- Red (56%)
- Yellow (67%)
- Blue (89%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9263, 0.2537, 0.2771 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 46.9263, 0.2537, 0.2771 by changing the saturation by 10% instead.

■ 46.9263, 0.2537,
0.2771

■ 46.9263, 0.2537,
0.2771

374.5203, 0.2825,
0.3028

■ 32.9774, 0.2468,
0.2708

■ 85.6036, 0.2640,
0.2864

■ 22.1091, 0.2380,
0.2628

■ 111.1008, 0.2679,
0.2899

■ 13.9371, 0.2267,
0.2524

141.2162, 0.2712,
0.2929

■ 8.0769, 0.2116,
0.2382

176.3342, 0.2741,
0.2954

■ 4.1442, 0.1903,
0.2179

216.8392, 0.2766,
0.2976

■ 1.7546, 0.1590,
0.1874

263.1156, 0.2788,

■ 0.4586, 0.0878,

0.2996

0.1265

315.5479, 0.2808,
0.3013

0.0000, 0.0000,
0.0000

46.9263, 0.2537,
0.2771

46.9263, 0.2537,
0.2771

40.6876, 0.2379,
0.2600

53.9237, 0.2699,
0.2930

35.1698, 0.2229,
0.2420

61.7045, 0.2861,
0.3075

30.3394, 0.2092,
0.2235

70.2987, 0.3020,
0.3206

26.1569, 0.1975,
0.2047

79.7329, 0.3172,
0.3324

22.5773, 0.1879,
0.1863

89.7445, 0.3308,
0.3429

■ 19.5446, 0.1807,
0.1688

■ 96.3367, 0.3295,
0.3532

■ 18.7148, 0.1788,
0.1636

■ 98.3255, 0.3292,
0.3562

Harmonies

Analogous

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



46.9263, 0.2475, 0.2966



46.9263, 0.2537, 0.2771



46.9263, 0.2749, 0.2718

Triad

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



46.9263, 0.2537, 0.2771



46.9263, 0.3709, 0.3266



46.9263, 0.3152, 0.3852

Complementary

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



46.9263, 0.2537, 0.2771



52.1818, 0.3854, 0.3754

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.



46.9263, 0.3492, 0.3916



46.9263, 0.2537, 0.2771



46.9263, 0.3826, 0.3553

Square

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



46.9263, 0.2537, 0.2771



46.9263, 0.3426, 0.2997



46.9263, 0.3743, 0.3795



46.9263, 0.2817, 0.3608

Rectangle

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



46.9263, 0.2537, 0.2771



46.9263, 0.2955, 0.2759



46.9263, 0.3743, 0.3795



46.9263, 0.3269, 0.3896

Sweetspot

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



46.9281, 0.2537, 0.2771



86.8345, 0.2956, 0.3154



64.1595, 0.2853, 0.3872



18.2586, 0.2934, 0.3137



0.0000, 0.0000, 0.0000



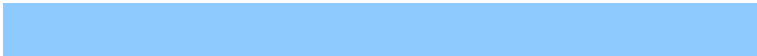
21.4041, 0.3127, 0.3290

Same Dimension

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



46.9281, 0.2537, 0.2771



55.0816, 0.2421, 0.2648



31.8877, 0.2457, 0.2210



15.1302, 0.2981, 0.3175



11.1510, 0.1795, 0.1662



1.0098, 0.1866, 0.1917

Inverse Universe

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



39.5672, 0.3554, 0.2786



45.0889, 0.3674, 0.2687



71.7267, 0.3692, 0.4181



14.4935, 0.3211, 0.3168



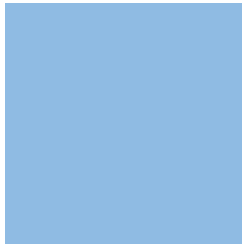
10.3234, 0.4853, 0.2447



0.7816, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 46.9263, 0.2537, 0.2771 looks on a white background.

Color Contrast Check

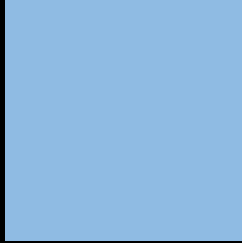
Large Text (above 18pt) WCAG AA × Fail

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 46.9263, 0.2537, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

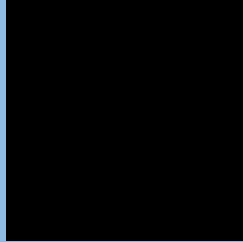
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

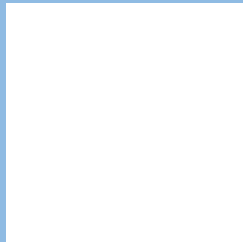
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9263, 0.2537, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 46.9263, 0.2537, 0.2771.



This preview shows how white text looks on a background with the Yxy color 46.9263, 0.2537, 0.2771.

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

46.9263, 0.2537, 0.2771

Protanopia

46.6871, 0.2755, 0.2765

Deuteranopia

46.6119, 0.2729, 0.2664



Tritanopia

47.1211, 0.2635, 0.3085

Trichromacy



Original Color

46.9263, 0.2537, 0.2771

Protanomaly

46.8259, 0.2666, 0.2769

Deuteranomaly

46.4357, 0.2653, 0.2699

Tritanomaly

47.2574, 0.2599, 0.2969

Monochromacy



Original Color

46.9263, 0.2537, 0.2771

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0326, 0.2882, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9263, 0.2537, 0.2771 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(143, 187, 227)` looks like.

```
.text, #text, p{  
    color:rgb(143, 187, 227)  
}
```

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(143, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 187, 227) }
```

Border

The CSS property to change the border of an element to Yxy 46.9263, 0.2537, 0.2771 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(143, 187, 227) }
```

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

```
.border{ border-color:rgb(143, 187, 227) }
```

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

Here you see how a box with a 4 pixel rgb(143, 187, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(143, 187,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9263, 0.2537, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 187, 227) }
```

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

```
.background{ background-color: rgb(143,  
187, 227) }
```

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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