

Converting Colors

$Yxy(49.2847, 0.2538, 0.2863)$

Have a look what the booklet for
Yxy(49.2847, 0.2538, 0.2863)
contains.

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Color

Yxy(49.2064, 0.2536, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	8CC1E2
RGB	140, 193, 226
RGB Percent	55%, 76%, 89%
CMY	0.4509, 0.2431, 0.1136
CMYK	0.38, 0.15, 0.00, 0.11
HSL	203°, 60%, 72%
HSV	203°, 38%, 89%
XYZ	43.6167, 49.2064, 79.1671
YIQ	180.9150, -42.1810, -0.9730

Conversions

Conversions Part 2

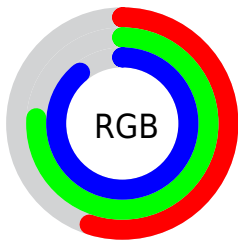
Format	Color
RYB	140, 173, 226
Decimal	9224674
CIELab	75.58, -9.08, -21.95
CIELCh	76, 23.749, 247.532
Yxy	49.2064, 0.2536, 0.2861
Android (android.graphics.Color)	4287414754 (0xFF8CC1E2)
YUV	180.9150, 22.2269, -35.8825
Hunter-Lab	70.1473, -11.7686, -17.8107

Details

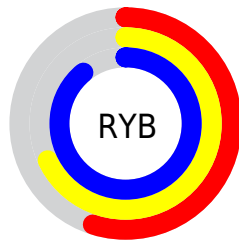
The Yxy color **49.2064, 0.2536, 0.2861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.9698, 0.3915, 0.3678**, and the grayscale version is **46.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7071, 0.2779, 0.3226**, and **23.6749, 0.2384, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **43.7167, 0.2389, 0.2725**, and if you desaturate by 10%, it is **55.3284, 0.2690, 0.2988**.

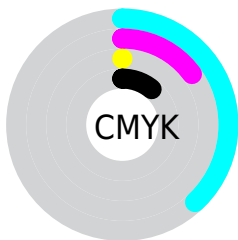
Distribution



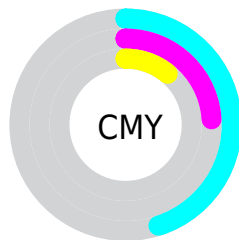
- Red (55%)
- Green (76%)
- Blue (89%)



- Red (55%)
- Yellow (68%)
- Blue (89%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2064, 0.2536, 0.2861 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 49.2064, 0.2536, 0.2861 by changing the saturation by 10% instead.

■ 49.2064, 0.2536,
0.2861

■ 49.2064, 0.2536,
0.2861

■ 383.5543, 0.2822,
0.3075

■ 34.7832, 0.2468,
0.2808

■ 88.9979, 0.2638,
0.2938

■ 23.4959, 0.2382,
0.2741

■ 115.1351, 0.2677,
0.2968

■ 14.9601, 0.2272,
0.2653

■ 145.9457, 0.2710,
0.2992

■ 8.7914, 0.2124,
0.2532

■ 181.8141, 0.2738,
0.3014

■ 4.6054, 0.1918,
0.2359

■ 223.1248, 0.2763,
0.3032

■ 2.0176, 0.1617,
0.2092

■ 270.2622, 0.2785,

■ 0.6177, 0.0962,

0.3048

0.1625

323.6105, 0.2805,
0.3062

0.0000, 0.0000,
0.0000

49.2064, 0.2536,
0.2861

49.2064, 0.2536,
0.2861

43.7167, 0.2389,
0.2725

55.3284, 0.2690,
0.2988

38.8249, 0.2253,
0.2582

62.1034, 0.2847,
0.3105

34.5013, 0.2132,
0.2434

69.5581, 0.3003,
0.3212

30.7106, 0.2030,
0.2284

77.7156, 0.3157,
0.3308

27.4116, 0.1949,
0.2135

86.5979, 0.3306,
0.3393

■ 24.5481, 0.1889,
0.1990

■ 92.1010, 0.3309,
0.3477

■ 24.0254, 0.1879,
0.1963

■ 97.4783, 0.3299,
0.3560

■ 98.2723, 0.3297,
0.3571

Harmonies

Analogous

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



49.2064, 0.2536, 0.3089



49.2064, 0.2536, 0.2861



49.2064, 0.2684, 0.2758

Triad

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



49.2064, 0.2536, 0.2861



49.2064, 0.3583, 0.3168



49.2064, 0.3276, 0.3856

Complementary

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



49.2064, 0.2536, 0.2861



47.9698, 0.3915, 0.3678

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.



49.2064, 0.3571, 0.3848



49.2064, 0.2536, 0.2861



49.2064, 0.3757, 0.3437

Square

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



49.2064, 0.2536, 0.2861



49.2064, 0.3283, 0.2936



49.2064, 0.3751, 0.3687



49.2064, 0.2952, 0.3687

Rectangle

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



49.2064, 0.2536, 0.2861



49.2064, 0.2853, 0.2765



49.2064, 0.3751, 0.3687



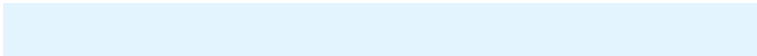
49.2064, 0.3382, 0.3873

Sweetspot

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



49.2083, 0.2536, 0.2861



88.3821, 0.2956, 0.3181



62.9994, 0.2886, 0.3991



18.6277, 0.2935, 0.3167



0.0000, 0.0000, 0.0000



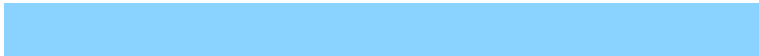
21.4041, 0.3127, 0.3290

Same Dimension

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



49.2083, 0.2536, 0.2861



58.6704, 0.2414, 0.2749



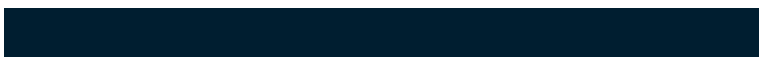
32.8979, 0.2449, 0.2272



14.6421, 0.2981, 0.3198



13.9397, 0.1885, 0.1985



1.1379, 0.1947, 0.2208

Inverse Universe

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



38.7837, 0.3488, 0.2685



44.0021, 0.3598, 0.2557



67.1732, 0.3735, 0.4136



13.8418, 0.3196, 0.3147



10.3153, 0.4470, 0.2236



0.7323, 0.4224, 0.2100

Previews

White Background



This preview shows how the Yxy color 49.2064, 0.2536, 0.2861 looks on a white background.

Color Contrast Check

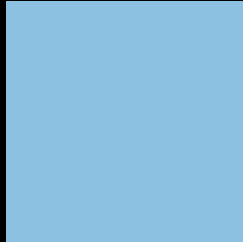
Large Text (above 18pt) WCAG AA × Fail

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 49.2064, 0.2536, 0.2861 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 49.2064, 0.2536, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 49.2064, 0.2536, 0.2861.

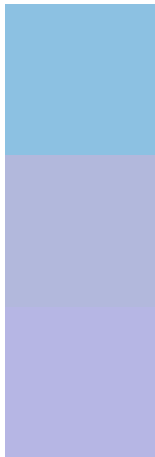


This preview shows how white text looks on a background with the Yxy color 49.2064, 0.2536, 0.2861.

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

49.2064, 0.2536, 0.2861

Protanopia

48.9133, 0.2816, 0.2845

Deuteranopia

49.0024, 0.2791, 0.2734



Tritanopia

49.4172, 0.2603, 0.3088

Trichromacy



Original Color

49.2064, 0.2536, 0.2861

Protanomaly

48.7071, 0.2705, 0.2848

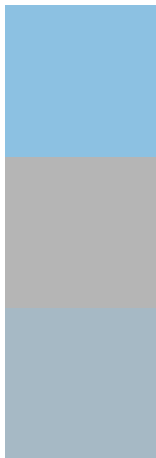
Deuteranomaly

48.8794, 0.2693, 0.2780

Tritanomaly

49.3064, 0.2578, 0.3010

Monochromacy



Original Color

49.2064, 0.2536, 0.2861

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.8361, 0.2885, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2064, 0.2536, 0.2861 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(140, 193, 226)` looks like.

```
.text, #text, p{  
    color:rgb(140, 193, 226)  
}
```

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(140, 193, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 193, 226) }
```

Border

The CSS property to change the border of an element to Yxy 49.2064, 0.2536, 0.2861 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(140, 193, 226) }
```

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

```
.border{ border-color:rgb(140, 193, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 193, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 193, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 193, 226);  
box-shadow:4px 4px 4px 4px rgb(140, 193,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2064, 0.2536, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 193, 226) }
```

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

```
.background{ background-color: rgb(140,  
193, 226) }
```

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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