

Converting Colors

$Yxy(50.9898, 0.2634, 0.2896)$

Have a look what the booklet for
Yxy(50.9898, 0.2634, 0.2896)
contains.

Yxy(50.9884, 0.2636, 0.2897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.9884, 0.2636, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	9BC2E1
RGB	155, 194, 225
RGB Percent	61%, 76%, 88%
CMY	0.3922, 0.2392, 0.1177
CMYK	0.31, 0.14, 0.00, 0.12
HSL	207°, 54%, 75%
HSV	207°, 31%, 88%
XYZ	46.3947, 50.9884, 78.6211
YIQ	185.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

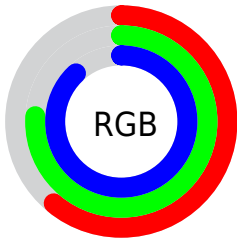
Format	Color
R_{YB}	155, 180, 225
Decimal	10207969
CIE _{Lab}	76.67, -5.77, -19.65
CIE _{LCh}	77, 20.477, 253.647
Yxy	50.9884, 0.2636, 0.2897
Android (android.graphics.Color)	4288398049 (0xFF9BC2E1)
YUV	185.8730, 19.2896, -27.0756
Hunter-Lab	71.4062, -8.9841, -15.2964

Details

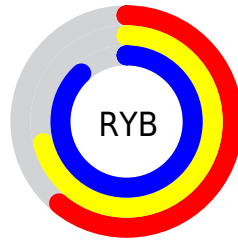
The Yxy color **50.9884, 0.2636, 0.2897** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.4693, 0.3723, 0.3652**, and the grayscale version is **48.9304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4401, 0.2863, 0.3238**, and **24.4832, 0.2508, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **44.6843, 0.2478, 0.2746**, and if you desaturate by 10%, it is **58.0081, 0.2796, 0.3037**.

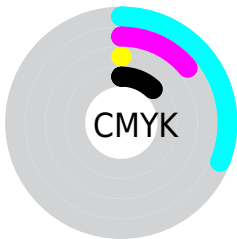
Distribution



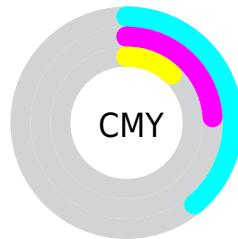
- Red (61%)
- Green (76%)
- Blue (88%)



- Red (61%)
- Yellow (71%)
- Blue (88%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9884, 0.2636, 0.2897 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 50.9884, 0.2636, 0.2897 by changing the saturation by 10% instead.

■ 50.9884, 0.2636,
0.2897

■ 50.9884, 0.2636,
0.2897

■ 390.5187, 0.2874,
0.3091

■ 36.1994, 0.2579,
0.2850

■ 91.6376, 0.2721,
0.2967

■ 24.5882, 0.2508,
0.2790

■ 118.2666, 0.2753,
0.2993

■ 15.7705, 0.2416,
0.2711

■ 149.6111, 0.2780,
0.3015

■ 9.3619, 0.2292,
0.2605

■ 186.0553, 0.2804,
0.3035

■ 4.9780, 0.2118,
0.2452

■ 227.9838, 0.2825,
0.3052

■ 2.2344, 0.1859,
0.2217

■ 275.7810, 0.2843,

■ 0.7386, 0.1383,

0.3066

0.1820

329.8311, 0.2859,
0.3079

0.0000, 0.0000,
0.0000

50.9884, 0.2636,
0.2897

50.9884, 0.2636,
0.2897

44.6843, 0.2478,
0.2746

58.0081, 0.2796,
0.3037

39.0608, 0.2327,
0.2584

65.7642, 0.2955,
0.3164

34.0888, 0.2187,
0.2415

74.2841, 0.3110,
0.3278

29.7337, 0.2063,
0.2242

83.5916, 0.3259,
0.3380

25.9569, 0.1958,
0.2069

91.2671, 0.3317,
0.3475

■ 22.7129, 0.1877,
0.1899

■ 97.4135, 0.3305,
0.3570

■ 20.2150, 0.1821,
0.1755

■ 98.2156, 0.3304,
0.3582

Harmonies

Analogous

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



50.9884, 0.2609, 0.3074



50.9884, 0.2636, 0.2897



50.9884, 0.2788, 0.2830

Triad

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



50.9884, 0.2636, 0.2897



50.9884, 0.3556, 0.3233



50.9884, 0.3200, 0.3751

Complementary

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



50.9884, 0.2636, 0.2897



53.4693, 0.3723, 0.3652

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.



50.9884, 0.3462, 0.3778



50.9884, 0.2636, 0.2897



50.9884, 0.3675, 0.3466

Square

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



50.9884, 0.2636, 0.2897



50.9884, 0.3318, 0.3022



50.9884, 0.3639, 0.3667



50.9884, 0.2926, 0.3581

Rectangle

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



50.9884, 0.2636, 0.2897



50.9884, 0.2946, 0.2849



50.9884, 0.3639, 0.3667



50.9884, 0.3292, 0.3776

Sweetspot

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



50.9904, 0.2636, 0.2897



89.5957, 0.2987, 0.3188



64.3261, 0.2905, 0.3796



18.8342, 0.2964, 0.3171



0.0000, 0.0000, 0.0000



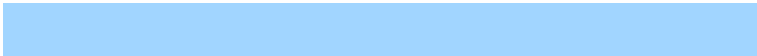
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9904, 0.2636, 0.2897



62.4776, 0.2539, 0.2805



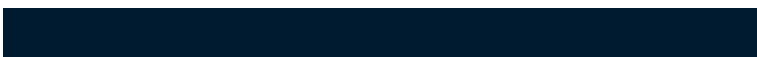
37.4201, 0.2582, 0.2440



14.5045, 0.2981, 0.3184



11.8869, 0.1828, 0.1780



1.0016, 0.1898, 0.2033

Inverse Universe

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



43.3360, 0.3443, 0.2842



51.4446, 0.3528, 0.2751



69.7261, 0.3610, 0.4018



13.8279, 0.3205, 0.3160



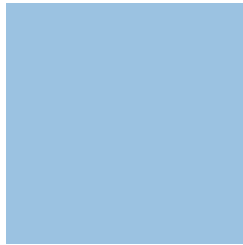
10.1080, 0.4710, 0.2368



0.7186, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 50.9884, 0.2636, 0.2897 looks on a white background.

Color Contrast Check

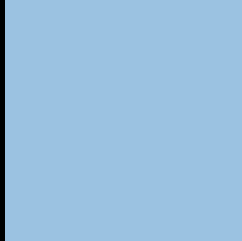
Large Text (above 18pt) WCAG AA × Fail

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 50.9884, 0.2636, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

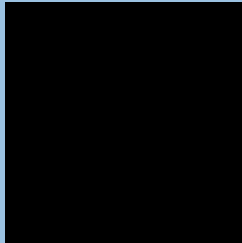
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

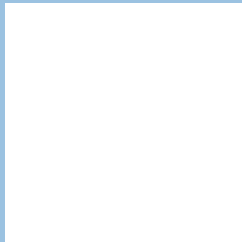
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9884, 0.2636, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 50.9884, 0.2636, 0.2897.



This preview shows how white text looks on a background with the Yxy color 50.9884, 0.2636, 0.2897.

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

50.9884, 0.2636, 0.2897

Protanopia

50.6530, 0.2848, 0.2886

Deuteranopia

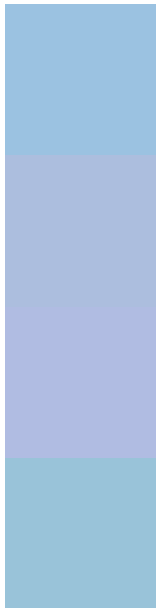
50.9353, 0.2844, 0.2789



Tritanopia

50.9087, 0.2697, 0.3081

Trichromacy



Original Color

50.9884, 0.2636, 0.2897

Protanomaly

50.8715, 0.2764, 0.2893

Deuteranomaly

50.6875, 0.2765, 0.2825

Tritanomaly

50.8123, 0.2672, 0.3006

Monochromacy



Original Color

50.9884, 0.2636, 0.2897

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6793, 0.2935, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9884, 0.2636, 0.2897 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(155, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 225)  
}
```

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(155, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 225) }
```

Border

The CSS property to change the border of an element to Yxy 50.9884, 0.2636, 0.2897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

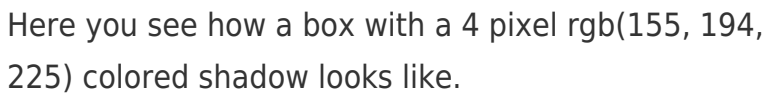
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 194, 225) }
```

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

```
.border{ border-color:rgb(155, 194, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 194, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 194, 225); box-shadow:4px 4px 4px 4px rgb(155, 194, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9884, 0.2636, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 225) }
```

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

```
.background{ background-color: rgb(155,  
194, 225) }
```

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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