

Converting Colors

$Yxy(42.2368, 0.2696, 0.2884)$

Have a look what the booklet for
Yxy(42.2368, 0.2696, 0.2884)
contains.

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Color

Yxy(42.0862, 0.2701, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	97B0CE
RGB	151, 176, 206
RGB Percent	59%, 69%, 81%
CMY	0.4081, 0.3097, 0.1922
CMYK	0.27, 0.15, 0.00, 0.19
HSL	213°, 36%, 70%
HSV	213°, 27%, 81%
XYZ	39.4157, 42.0862, 64.4281
YIQ	171.9450, -24.5300, 4.0300

Conversions

Conversions Part 2

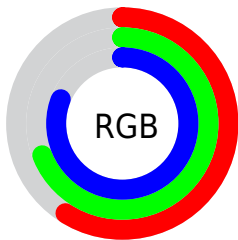
Format	Color
R_{YB}	151, 168, 206
Decimal	9941198
CIE _{Lab}	70.93, -1.84, -18.03
CIE _{LCh}	71, 18.121, 264.176
Yxy	42.0862, 0.2701, 0.2884
Android (android.graphics.Color)	4288131278 (0xFF97B0CE)
YUV	171.9450, 16.7891, -18.3688
Hunter-Lab	64.8739, -5.0773, -13.4709

Details

The Yxy color **42.0862, 0.2701, 0.2884** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.3509, 0.3602, 0.3664**, and the grayscale version is **41.1424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0550, 0.2824, 0.3046**, and **19.3350, 0.2580, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **36.0715, 0.2534, 0.2703**, and if you desaturate by 10%, it is **48.8115, 0.2866, 0.3049**.

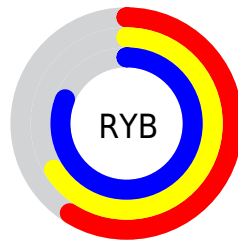
Distribution



Red (59%)

Green (69%)

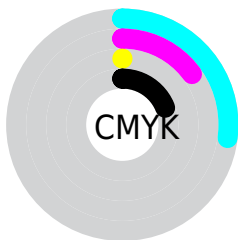
Blue (81%)



Red (59%)

Yellow (66%)

Blue (81%)

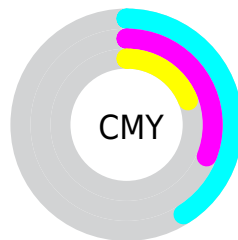


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (41%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0862, 0.2701, 0.2884 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 42.0862, 0.2701, 0.2884 by changing the saturation by 10% instead.

■ 42.0862, 0.2701,
0.2884

■ 42.0862, 0.2701,
0.2884

354.8401, 0.2915,
0.3089

■ 29.1688, 0.2648,
0.2832

■ 78.3301, 0.2779,
0.2959

■ 19.2085, 0.2579,
0.2766

■ 102.4253, 0.2808,
0.2987

■ 11.8211, 0.2488,
0.2677

131.0153, 0.2833,
0.3011

■ 6.6220, 0.2362,
0.2554

164.4844, 0.2854,
0.3031

■ 3.2268, 0.2176,
0.2371

203.2171, 0.2872,
0.3048

■ 1.2513, 0.1880,
0.2075

247.5977, 0.2888,

■ 0.1030, 0.0334,

0.3064

0.0648

298.0105, 0.2902,
0.3077

0.0000, 0.0000,
0.0000

42.0862, 0.2701,
0.2884

42.0862, 0.2701,
0.2884

36.0715, 0.2534,
0.2703

48.8115, 0.2866,
0.3049

30.7356, 0.2369,
0.2508

56.2672, 0.3024,
0.3199

26.0516, 0.2210,
0.2302

64.4788, 0.3176,
0.3332

21.9886, 0.2063,
0.2091

73.4689, 0.3318,
0.3450

18.5121, 0.1935,
0.1879

83.2588, 0.3451,
0.3553

■ 15.5834, 0.1830,
0.1673

■ 89.9786, 0.3438,
0.3661

■ 13.1545, 0.1751,
0.1481

■ 96.9028, 0.3419,
0.3766

■ 12.4448, 0.1728,
0.1421

■ 97.2355, 0.3418,
0.3771

Harmonies

Analogous

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



42.0862, 0.2632, 0.3018



42.0862, 0.2701, 0.2884



42.0862, 0.2882, 0.2858

Triad

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



42.0862, 0.2701, 0.2884



42.0862, 0.3586, 0.3315



42.0862, 0.3103, 0.3681

Complementary

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



42.0862, 0.2701, 0.2884



48.3509, 0.3602, 0.3664

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.



42.0862, 0.3363, 0.3757



42.0862, 0.2701, 0.2884



42.0862, 0.3649, 0.3530

Square

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



42.0862, 0.2701, 0.2884



42.0862, 0.3395, 0.3102



42.0862, 0.3565, 0.3696



42.0862, 0.2857, 0.3486

Rectangle

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



42.0862, 0.2701, 0.2884



42.0862, 0.3046, 0.2901



42.0862, 0.3565, 0.3696



42.0862, 0.3192, 0.3722

Sweetspot

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



42.0879, 0.2701, 0.2884



89.4556, 0.3003, 0.3179



54.0141, 0.2900, 0.3635



18.7420, 0.2979, 0.3157



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.



42.0879, 0.2701, 0.2884



62.5408, 0.2606, 0.2783



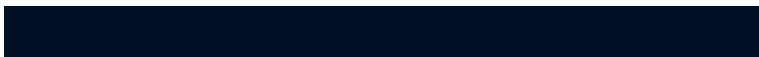
33.3122, 0.2682, 0.2532



11.6725, 0.2983, 0.3161



7.8533, 0.1736, 0.1448



0.5562, 0.1840, 0.1823

Inverse Universe

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



38.3633, 0.3441, 0.2977



55.9840, 0.3530, 0.2908



59.2255, 0.3513, 0.3956



11.2973, 0.3220, 0.3185



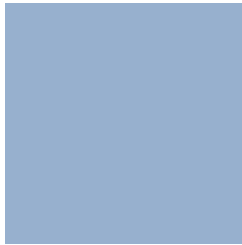
8.5958, 0.5127, 0.2598



0.4587, 0.4657, 0.2339

Previews

White Background



This preview shows how the Yxy color 42.0862, 0.2701, 0.2884 looks on a white background.

Color Contrast Check

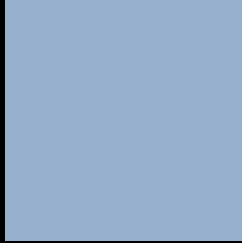
Large Text (above 18pt) WCAG AA × Fail

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 42.0862, 0.2701, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

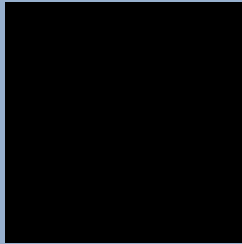
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

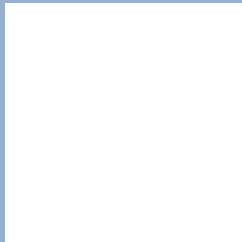
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0862, 0.2701, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 42.0862, 0.2701, 0.2884.



This preview shows how white text looks on a background with the Yxy color 42.0862, 0.2701, 0.2884.

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

42.0862, 0.2701, 0.2884

Protanopia

42.0323, 0.2842, 0.2880

Deuteranopia

41.7652, 0.2859, 0.2798



Tritanopia

41.9869, 0.2770, 0.3080

Trichromacy



Original Color

42.0862, 0.2701, 0.2884

Protanomaly

41.8238, 0.2788, 0.2876

Deuteranomaly

42.0094, 0.2797, 0.2829

Tritanomaly

41.9111, 0.2742, 0.3000

Monochromacy



Original Color

42.0862, 0.2701, 0.2884

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2403, 0.2961, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0862, 0.2701, 0.2884 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(151, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 206)  
}
```

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(151, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 206) }
```

Border

The CSS property to change the border of an element to Yxy 42.0862, 0.2701, 0.2884 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(151, 176, 206) }
```

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

```
.border{ border-color:rgb(151, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 176,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0862, 0.2701, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 206) }
```

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

```
.background{ background-color: rgb(151,  
176, 206) }
```

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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