

Converting Colors

$Yxy(42.6261, 0.2745, 0.2938)$

Have a look what the booklet for
Yxy(42.6261, 0.2745, 0.2938)
contains.

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Color

Yxy(42.6261, 0.2745, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	9AB1CB
RGB	154, 177, 203
RGB Percent	60%, 69%, 80%
CMY	0.3961, 0.3059, 0.2039
CMYK	0.24, 0.13, 0.00, 0.20
HSL	212°, 32%, 70%
HSV	212°, 24%, 80%
XYZ	39.8260, 42.6261, 62.6334
YIQ	173.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

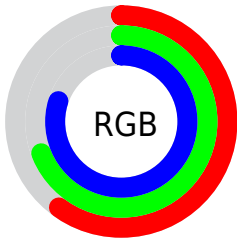
Format	Color
RYB	154, 170, 203
Decimal	10138059
CIELab	71.30, -2.14, -15.82
CIELCh	71, 15.960, 262.276
Yxy	42.6261, 0.2745, 0.2938
Android (android.graphics.Color)	4288328139 (0xFF9AB1CB)
YUV	173.0870, 14.7471, -16.7393
Hunter-Lab	65.2887, -5.3705, -11.1766

Details

The Yxy color **42.6261, 0.2745, 0.2938** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.6661, 0.3551, 0.3618**, and the grayscale version is **41.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0531, 0.2842, 0.3058**, and **19.6619, 0.2637, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **36.7146, 0.2580, 0.2766**, and if you desaturate by 10%, it is **49.2135, 0.2908, 0.3095**.

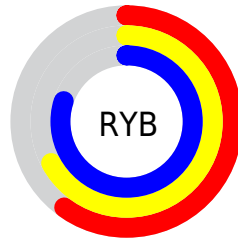
Distribution



Red (60%)

Green (69%)

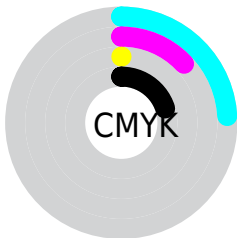
Blue (80%)



Red (60%)

Yellow (67%)

Blue (80%)

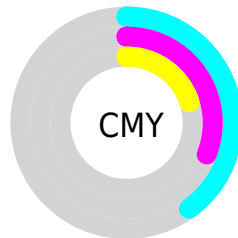


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6261, 0.2745, 0.2938 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 42.6261, 0.2745, 0.2938 by changing the saturation by 10% instead.

■ 42.6261, 0.2745,
0.2938

■ 42.6261, 0.2745,
0.2938

■ 357.0718, 0.2937,
0.3116

■ 29.5919, 0.2697,
0.2893

■ 79.1463, 0.2815,
0.3003

■ 19.5290, 0.2635,
0.2835

■ 103.4011, 0.2841,
0.3027

■ 12.0531, 0.2554,
0.2758

■ 132.1648, 0.2863,
0.3048

■ 6.7799, 0.2440,
0.2650

■ 165.8219, 0.2882,
0.3065

■ 3.3248, 0.2272,
0.2488

■ 204.7568, 0.2899,
0.3081

■ 1.3036, 0.2001,
0.2224

■ 249.3538, 0.2913,

■ 0.1440, 0.0555,

0.3094

0.0946

299.9974, 0.2926,
0.3106

0.0000, 0.0000,
0.0000

42.6261, 0.2745,
0.2938

42.6261, 0.2745,
0.2938

36.7146, 0.2580,
0.2766

49.2135, 0.2908,
0.3095

31.4492, 0.2415,
0.2580

56.4948, 0.3064,
0.3236

26.8052, 0.2256,
0.2382

64.4938, 0.3213,
0.3362

22.7541, 0.2108,
0.2177

73.2312, 0.3354,
0.3473

19.2644, 0.1976,
0.1970

82.6348, 0.3481,
0.3571

■ 16.3008, 0.1866,
0.1767

■ 88.8428, 0.3461,
0.3675

■ 13.8220, 0.1782,
0.1574

■ 95.4279, 0.3441,
0.3776

■ 12.5586, 0.1741,
0.1467

■ 97.0922, 0.3436,
0.3800

Harmonies

Analogous

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



42.6261, 0.2690, 0.3063



42.6261, 0.2745, 0.2938



42.6261, 0.2899, 0.2908

Triad

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



42.6261, 0.2745, 0.2938



42.6261, 0.3521, 0.3301



42.6261, 0.3122, 0.3639

Complementary

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



42.6261, 0.2745, 0.2938



47.6661, 0.3551, 0.3618

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.



42.6261, 0.3348, 0.3698



42.6261, 0.2745, 0.2938



42.6261, 0.3584, 0.3492

Square

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



42.6261, 0.2745, 0.2938



42.6261, 0.3349, 0.3114



42.6261, 0.3519, 0.3640



42.6261, 0.2903, 0.3474

Rectangle

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



42.6261, 0.2745, 0.2938



42.6261, 0.3042, 0.2941



42.6261, 0.3519, 0.3640



42.6261, 0.3200, 0.3672

Sweetspot

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



42.6278, 0.2745, 0.2938



90.8783, 0.3019, 0.3196



52.8517, 0.2926, 0.3609



19.2894, 0.3009, 0.3188



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.



42.6278, 0.2745, 0.2938



66.0492, 0.2658, 0.2850



34.3663, 0.2725, 0.2615



11.6982, 0.2983, 0.3164



8.1707, 0.1748, 0.1492



0.5730, 0.1851, 0.1862

Inverse Universe

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



38.9777, 0.3397, 0.3001



59.2746, 0.3473, 0.2935



57.6319, 0.3482, 0.3889



11.2999, 0.3218, 0.3182



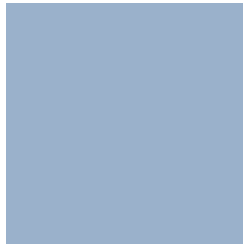
8.6278, 0.5070, 0.2567



0.4604, 0.4612, 0.2315

Previews

White Background



This preview shows how the Yxy color 42.6261, 0.2745, 0.2938 looks on a white background.

Color Contrast Check

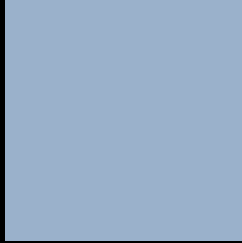
Large Text (above 18pt) WCAG AA × Fail

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 42.6261, 0.2745, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

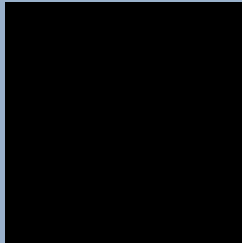
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

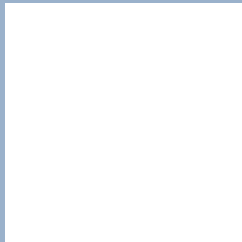
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6261, 0.2745, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 42.6261, 0.2745, 0.2938.



This preview shows how white text looks on a background with the Yxy color 42.6261, 0.2745, 0.2938.

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

42.6261, 0.2745, 0.2938

Protanopia

42.6033, 0.2889, 0.2934

Deuteranopia

42.4562, 0.2915, 0.2851



Tritanopia

42.7659, 0.2801, 0.3096

Trichromacy



Original Color

42.6261, 0.2745, 0.2938

Protanomaly

42.3817, 0.2834, 0.2930

Deuteranomaly

42.6818, 0.2851, 0.2883

Tritanomaly

42.6443, 0.2780, 0.3029

Monochromacy



Original Color

42.6261, 0.2745, 0.2938

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8398, 0.2978, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6261, 0.2745, 0.2938 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(154, 177, 203)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 203)  
}
```

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(154, 177, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 203) }
```

Border

The CSS property to change the border of an element to Yxy 42.6261, 0.2745, 0.2938 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(154, 177, 203) }
```

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

```
.border{ border-color:rgb(154, 177, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 203);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6261, 0.2745, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 203) }
```

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

```
.background{ background-color: rgb(154,  
177, 203) }
```

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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