

Converting Colors

$Yxy(40.7986, 0.2627, 0.2850)$

Have a look what the booklet for
Yxy(40.7986, 0.2627, 0.2850)
contains.

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Color

Yxy(40.9157, 0.2629, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	8EAFCF
RGB	142, 175, 207
RGB Percent	56%, 69%, 81%
CMY	0.4429, 0.3138, 0.1882
CMYK	0.31, 0.15, 0.00, 0.19
HSL	210°, 40%, 68%
HSV	210°, 31%, 81%
XYZ	37.7562, 40.9157, 64.9424
YIQ	168.7810, -29.9400, 2.9560

Conversions

Conversions Part 2

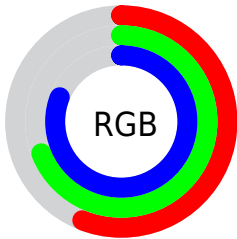
Format	Color
R_{YB}	142, 164, 207
Decimal	9351119
CIE _{Lab}	70.12, -3.64, -19.88
CIE _{LCh}	70, 20.206, 259.621
Yxy	40.9157, 0.2629, 0.2849
Android (android.graphics.Color)	4287541199 (0xFF8EAFCF)
YUV	168.7810, 18.8420, -23.4869
Hunter-Lab	63.9654, -6.5781, -15.4198

Details

The Yxy color **40.9157, 0.2629, 0.2849** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.5253, 0.3713, 0.3693**, and the grayscale version is **39.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6839, 0.2768, 0.3020**, and **18.6395, 0.2488, 0.2720** is the 20% darker color. If you saturate the color by 10%, you get **35.4285, 0.2467, 0.2680**, and if you desaturate by 10%, it is **47.0465, 0.2792, 0.3005**.

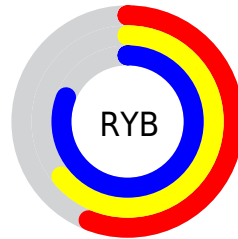
Distribution



Red (56%)

Green (69%)

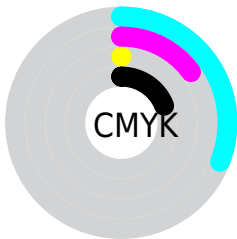
Blue (81%)



Red (56%)

Yellow (64%)

Blue (81%)

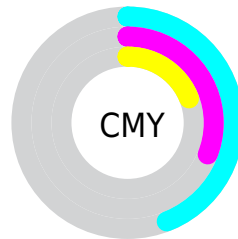


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9157, 0.2629, 0.2849 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 40.9157, 0.2629, 0.2849 by changing the saturation by 10% instead.

■ 40.9157, 0.2629,
0.2849

■ 40.9157, 0.2629,
0.2849

■ 349.9682, 0.2879,
0.3073

■ 28.2532, 0.2567,
0.2792

■ 76.5559, 0.2720,
0.2931

■ 18.5166, 0.2486,
0.2719

■ 100.3024, 0.2754,
0.2962

■ 11.3215, 0.2380,
0.2621

■ 128.5124, 0.2783,
0.2988

■ 6.2835, 0.2234,
0.2484

■ 161.5703, 0.2808,
0.3010

■ 3.0182, 0.2019,
0.2281

■ 199.8604, 0.2829,
0.3029

■ 1.1413, 0.1681,
0.1952

■ 243.7671, 0.2848,

■ 0.0129, 0.0000,

0.3046

0.0087

293.6749, 0.2865,
0.3060

0.0000, 0.0000,
0.0000

40.9157, 0.2629,
0.2849

40.9157, 0.2629,
0.2849

35.4285, 0.2467,
0.2680

47.0465, 0.2792,
0.3005

30.5546, 0.2310,
0.2500

53.8398, 0.2952,
0.3146

26.2682, 0.2164,
0.2311

61.3196, 0.3106,
0.3274

22.5389, 0.2033,
0.2118

69.5072, 0.3254,
0.3387

19.3331, 0.1921,
0.1926

78.4228, 0.3394,
0.3487

■ 16.6115, 0.1834,
0.1741

■ 85.8854, 0.3444,
0.3583

■ 14.5976, 0.1775,
0.1588

■ 91.9388, 0.3426,
0.3681

■ 97.2853, 0.3412,
0.3760

Harmonies

Analogous

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



40.9157, 0.2573, 0.3015



40.9157, 0.2629, 0.2849



40.9157, 0.2813, 0.2803

Triad

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



40.9157, 0.2629, 0.2849



40.9157, 0.3620, 0.3278



40.9157, 0.3144, 0.3756

Complementary

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



40.9157, 0.2629, 0.2849



45.5253, 0.3713, 0.3693

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.



40.9157, 0.3431, 0.3816



40.9157, 0.2629, 0.2849



40.9157, 0.3715, 0.3523

Square

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



40.9157, 0.2629, 0.2849



40.9157, 0.3386, 0.3047



40.9157, 0.3643, 0.3723



40.9157, 0.2861, 0.3550

Rectangle

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



40.9157, 0.2629, 0.2849



40.9157, 0.2990, 0.2840



40.9157, 0.3643, 0.3723



40.9157, 0.3243, 0.3794

Sweetspot

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



40.9173, 0.2629, 0.2849



88.8962, 0.2987, 0.3176



53.4199, 0.2884, 0.3751



18.6618, 0.2964, 0.3157



0.0000, 0.0000, 0.0000



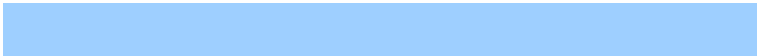
21.4041, 0.3127, 0.3290

Same Dimension

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



40.9173, 0.2629, 0.2849



59.2344, 0.2514, 0.2730



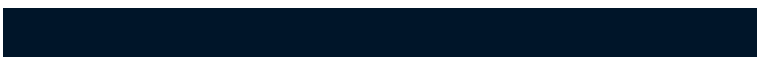
29.9510, 0.2575, 0.2390



12.3942, 0.2982, 0.3172



9.3864, 0.1781, 0.1612



0.6835, 0.1873, 0.1942

Inverse Universe

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



35.7263, 0.3479, 0.2880



50.2639, 0.3589, 0.2785



59.3272, 0.3601, 0.4055



11.9068, 0.3212, 0.3173



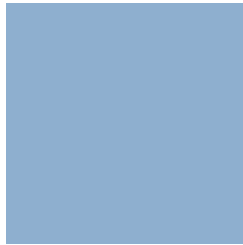
9.0188, 0.4915, 0.2481



0.5203, 0.4519, 0.2263

Previews

White Background



This preview shows how the Yxy color 40.9157, 0.2629, 0.2849 looks on a white background.

Color Contrast Check

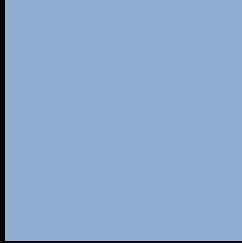
Large Text (above 18pt) WCAG AA × Fail

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 40.9157, 0.2629, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

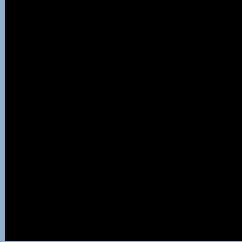
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

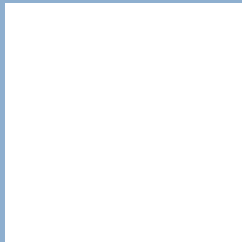
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9157, 0.2629, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 40.9157, 0.2629, 0.2849.



This preview shows how white text looks on a background with the Yxy color 40.9157, 0.2629, 0.2849.

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

40.9157, 0.2629, 0.2849

Protanopia

40.5802, 0.2815, 0.2836

Deuteranopia

40.6759, 0.2810, 0.2742



Tritanopia

41.1355, 0.2710, 0.3090

Trichromacy



Original Color

40.9157, 0.2629, 0.2849

Protanomaly

40.5534, 0.2747, 0.2844

Deuteranomaly

40.6744, 0.2741, 0.2783

Tritanomaly

41.0509, 0.2683, 0.3008

Monochromacy



Original Color

40.9157, 0.2629, 0.2849

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9156, 0.2926, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9157, 0.2629, 0.2849 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(142, 175, 207)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 207)  
}
```

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(142, 175, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 207) }
```

Border

The CSS property to change the border of an element to Yxy 40.9157, 0.2629, 0.2849 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(142, 175, 207) }
```

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

```
.border{ border-color:rgb(142, 175, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 175, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 207);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9157, 0.2629, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 207) }
```

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

```
.background{ background-color: rgb(142,  
175, 207) }
```

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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