

Converting Colors

$Y_{xy}(40.8219, 0.2811, 0.2930)$

Have a look what the booklet for
Yxy(40.8219, 0.2811, 0.2930)
contains.

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Color

Yxy(40.9532, 0.2814, 0.2937)

Conversions

Conversions Part 1

Format	Color
Hex	9FACC6
RGB	159, 172, 198
RGB Percent	62%, 67%, 78%
CMY	0.3765, 0.3254, 0.2236
CMYK	0.20, 0.13, 0.00, 0.22
HSL	220°, 25%, 70%
HSV	220°, 20%, 78%
XYZ	39.2381, 40.9532, 59.2476
YIQ	171.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

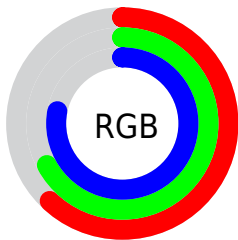
Format	Color
RYB	159, 169, 198
Decimal	10464454
CIELab	70.14, 0.99, -14.76
CIElCh	70, 14.791, 273.852
Yxy	40.9532, 0.2814, 0.2937
Android (android.graphics.Color)	4288654534 (0xFF9FACC6)
YUV	171.0770, 13.2730, -10.5915
Hunter-Lab	63.9947, -2.5441, -10.0956

Details

The Yxy color **40.9532, 0.2814, 0.2937** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.1793, 0.3450, 0.3620**, and the grayscale version is **40.7023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4543, 0.2870, 0.2996**, and **18.5724, 0.2723, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **34.3191, 0.2641, 0.2727**, and if you desaturate by 10%, it is **48.4125, 0.2978, 0.3126**.

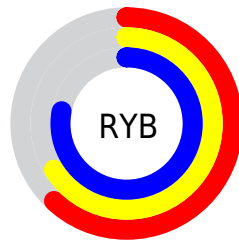
Distribution



Red (62%)

Green (67%)

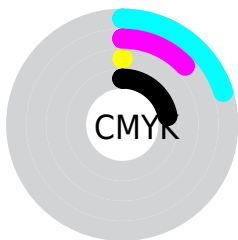
Blue (78%)



Red (62%)

Yellow (66%)

Blue (78%)

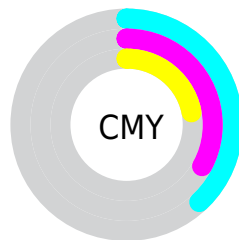


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (38%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9532, 0.2814, 0.2937 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 40.9532, 0.2814, 0.2937 by changing the saturation by 10% instead.


 40.9532, 0.2814,
0.2937


 40.9532, 0.2814,
0.2937


350.1250, 0.2973,
0.3116

 28.2825, 0.2774,
0.2892


 76.6128, 0.2872,
0.3002

 18.5387, 0.2722,
0.2834


 100.3706, 0.2894,
0.3027

 11.3375, 0.2652,
0.2756


128.5928, 0.2912,
0.3047

 6.2943, 0.2553,
0.2646

161.6639, 0.2928,
0.3065

 3.0248, 0.2405,
0.2482

199.9683, 0.2942,
0.3080

 1.1447, 0.2158,
0.2211

243.8903, 0.2953,

 0.0158, 0.0355,

0.3094

0.0143

293.8144, 0.2964,
0.3105

0.0000, 0.0000,
0.0000

40.9532, 0.2814,
0.2937

40.9532, 0.2814,
0.2937

34.3191, 0.2641,
0.2727

48.4125, 0.2978,
0.3126

28.4754, 0.2463,
0.2498

56.7201, 0.3132,
0.3295

23.3920, 0.2285,
0.2254

65.9045, 0.3273,
0.3444

19.0347, 0.2113,
0.2000

75.9914, 0.3403,
0.3574

15.3666, 0.1955,
0.1745

86.4379, 0.3501,
0.3691

■ 12.3467, 0.1820,
0.1500

■ 94.3929, 0.3474,
0.3815

■ 9.9289, 0.1712,
0.1275

■ 96.8561, 0.3466,
0.3850

■ 8.0425, 0.1634,
0.1079

■ 7.9917, 0.1632,
0.1073

Harmonies

Analogous

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



40.9532, 0.2724, 0.3022



40.9532, 0.2814, 0.2937



40.9532, 0.2988, 0.2944

Triad

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



40.9532, 0.2814, 0.2937



40.9532, 0.3534, 0.3372



40.9532, 0.3039, 0.3567

Complementary

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



40.9532, 0.2814, 0.2937



49.1793, 0.3450, 0.3620

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.



40.9532, 0.3256, 0.3664



40.9532, 0.2814, 0.2937



40.9532, 0.3547, 0.3542

Square

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



40.9532, 0.2814, 0.2937



40.9532, 0.3407, 0.3189



40.9532, 0.3443, 0.3652



40.9532, 0.2850, 0.3387

Rectangle

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



40.9532, 0.2814, 0.2937



40.9532, 0.3132, 0.2996



40.9532, 0.3443, 0.3652



40.9532, 0.3111, 0.3611

Sweetspot

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



40.9549, 0.2814, 0.2937



90.8847, 0.3035, 0.3189



51.2205, 0.2926, 0.3472



19.2480, 0.3025, 0.3178



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.



40.9549, 0.2814, 0.2937



66.8842, 0.2734, 0.2842



36.8466, 0.2853, 0.2761



10.8571, 0.2983, 0.3132



5.3406, 0.1638, 0.1097



0.3868, 0.1759, 0.1530

Inverse Universe

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



39.7710, 0.3387, 0.3123



64.6226, 0.3465, 0.3081



54.1027, 0.3371, 0.3783



10.6944, 0.3238, 0.3213



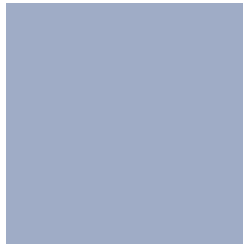
8.0791, 0.5614, 0.2866



0.3961, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 40.9532, 0.2814, 0.2937 looks on a white background.

Color Contrast Check

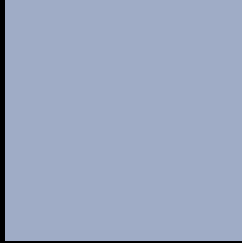
Large Text (above 18pt) WCAG AA × Fail

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 40.9532, 0.2814, 0.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

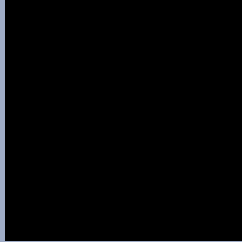
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

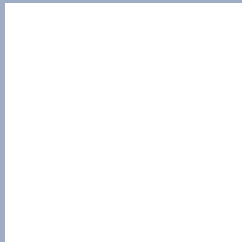
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9532, 0.2814, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 40.9532, 0.2814, 0.2937.



This preview shows how white text looks on a background with the Yxy color 40.9532, 0.2814, 0.2937.

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

40.9532, 0.2814, 0.2937

Protanopia

40.9962, 0.2885, 0.2928

Deuteranopia

40.8749, 0.2936, 0.2870



Tritanopia

41.0710, 0.2873, 0.3095

Trichromacy



Original Color

40.9532, 0.2814, 0.2937

Protanomaly

41.0496, 0.2861, 0.2940

Deuteranomaly

40.9345, 0.2886, 0.2891

Tritanomaly

40.9620, 0.2851, 0.3028

Monochromacy



Original Color

40.9532, 0.2814, 0.2937

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6775, 0.3010, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9532, 0.2814, 0.2937 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(159, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 198)  
}
```

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(159, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 198) }
```

Border

The CSS property to change the border of an element to Yxy 40.9532, 0.2814, 0.2937 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(159, 172, 198) }
```

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

```
.border{ border-color:rgb(159, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9532, 0.2814, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 198) }
```

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

```
.background{ background-color: rgb(159,  
172, 198) }
```

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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