

Converting Colors

$Yxy(38.0814, 0.2938, 0.2884)$

Have a look what the booklet for
Yxy(38.0814, 0.2938, 0.2884)
contains.

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Color

Yxy(38.0814, 0.2938, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	A9A2C0
RGB	169, 162, 192
RGB Percent	66%, 64%, 75%
CMY	0.3373, 0.3647, 0.2471
CMYK	0.12, 0.16, 0.00, 0.25
HSL	254°, 19%, 69%
HSV	254°, 16%, 75%
XYZ	38.7944, 38.0814, 55.1679
YIQ	167.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

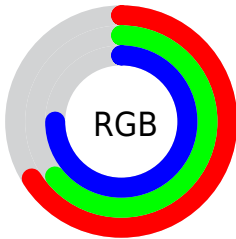
Format	Color
R _Y B	169, 162, 192
Decimal	11117248
CIE Lab	68.08, 8.48, -14.48
CIE LCh	68, 16.775, 300.347
Yxy	38.0814, 0.2938, 0.2884
Android (android.graphics.Color)	4289307328 (0xFFA9A2C0)
YUV	167.5130, 12.0721, 1.3041
Hunter-Lab	61.7101, 4.2224, -9.8072

Details

The Yxy color **38.0814, 0.2938, 0.2884** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.6181, 0.3299, 0.3680**, and the grayscale version is **38.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2503, 0.2975, 0.2965**, and **16.7687, 0.2886, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **30.2892, 0.2794, 0.2590**, and if you desaturate by 10%, it is **47.0929, 0.3064, 0.3152**.

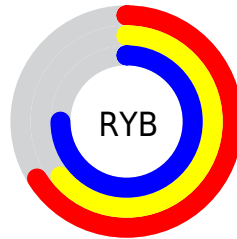
Distribution



Red (66%)

Green (64%)

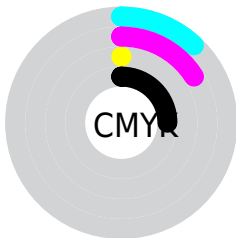
Blue (75%)



Red (66%)

Yellow (64%)

Blue (75%)

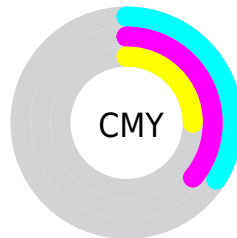


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (34%)


Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0814, 0.2938, 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 38.0814, 0.2938, 0.2884 by changing the saturation by 10% instead.

 38.0814, 0.2938,
0.2884


 38.0814, 0.2938,
0.2884


337.9690, 0.3037,
0.3089

 26.0459, 0.2912,
0.2832


 72.2329, 0.2975,
0.2959

 16.8580, 0.2878,
0.2765


 95.1176, 0.2988,
0.2987

 10.1333, 0.2831,
0.2676


122.3876, 0.3000,
0.3011

 5.4874, 0.2763,
0.2551

154.4271, 0.3009,
0.3031

 2.5360, 0.2657,
0.2363

191.6206, 0.3018,
0.3048

 0.8946, 0.2468,
0.2052

234.3525, 0.3025,

 0.0000, 0.0063,

0.3064

0.0000

283.0072, 0.3031,
0.3077

0.0000, 0.0000,
0.0000

38.0814, 0.2938,
0.2884

38.0814, 0.2938,
0.2884

30.2892, 0.2794,
0.2590

47.0929, 0.3064,
0.3152

23.6587, 0.2634,
0.2274

57.3684, 0.3173,
0.3392

18.1350, 0.2460,
0.1945

68.9561, 0.3266,
0.3604

13.6565, 0.2278,
0.1619

81.9004, 0.3346,
0.3791

10.1557, 0.2097,
0.1313

94.3129, 0.3419,
0.3927

■ 7.5569, 0.1928,
0.1049

■ 96.5853, 0.3502,
0.3910

■ 5.7728, 0.1781,
0.0846

■ 4.6966, 0.1667,
0.0713

■ 4.3570, 0.1626,
0.0669

Harmonies

Analogous

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



38.0814, 0.2747, 0.2887



38.0814, 0.2938, 0.2884



38.0814, 0.3187, 0.2979

Triad

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



38.0814, 0.2938, 0.2884



38.0814, 0.3621, 0.3559



38.0814, 0.2828, 0.3430

Complementary

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



38.0814, 0.2938, 0.2884



50.6181, 0.3299, 0.3680

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.



38.0814, 0.3053, 0.3633



38.0814, 0.2938, 0.2884



38.0814, 0.3514, 0.3700

Square

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



38.0814, 0.2938, 0.2884



38.0814, 0.3590, 0.3358



38.0814, 0.3304, 0.3732



38.0814, 0.2685, 0.3193

Rectangle

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



38.0814, 0.2938, 0.2884



38.0814, 0.3354, 0.3086



38.0814, 0.3304, 0.3732



38.0814, 0.2896, 0.3505

Sweetspot

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



38.0830, 0.2938, 0.2884



86.2797, 0.3070, 0.3165



46.3921, 0.2890, 0.3202



18.2439, 0.3062, 0.3148



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.0830, 0.2938, 0.2884



63.5520, 0.2887, 0.2778



39.7768, 0.3068, 0.2900



9.8587, 0.3019, 0.3054



2.9622, 0.1636, 0.0675



0.1605, 0.1871, 0.0804

Inverse Universe

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



40.5514, 0.3206, 0.2995



68.9659, 0.3228, 0.2923



48.9055, 0.3177, 0.3695



10.2061, 0.3172, 0.3115



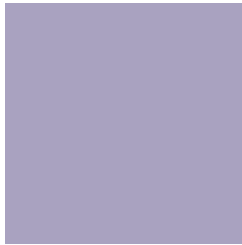
8.9764, 0.3894, 0.1919



0.3979, 0.3712, 0.1818

Previews

White Background



This preview shows how the Yxy color 38.0814, 0.2938, 0.2884 looks on a white background.

Color Contrast Check

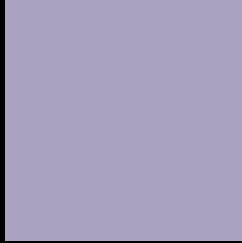
Large Text (above 18pt) WCAG AA × Fail

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 38.0814, 0.2938, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

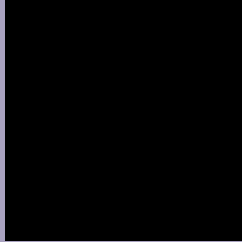
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0814, 0.2938, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 38.0814, 0.2938, 0.2884.



This preview shows how white text looks on a background with the Yxy color 38.0814, 0.2938, 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

38.0814, 0.2938, 0.2884

Protanopia

38.2789, 0.2846, 0.2891

Deuteranopia

38.1925, 0.2947, 0.2885



Tritanopia

37.9407, 0.3044, 0.3109

Trichromacy



Original Color

38.0814, 0.2938, 0.2884

Protanomaly

38.1877, 0.2879, 0.2893

Deuteranomaly

38.1925, 0.2947, 0.2885

Tritanomaly

37.8966, 0.3011, 0.3028

Monochromacy



Original Color

38.0814, 0.2938, 0.2884

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7716, 0.3052, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0814, 0.2938, 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(169, 162, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 192)  
}
```

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(169, 162, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 192) }
```

Border

The CSS property to change the border of an element to Yxy 38.0814, 0.2938, 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(169, 162, 192) }
```

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

```
.border{ border-color:rgb(169, 162, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 162, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 162, 192); box-shadow:4px 4px 4px 4px rgb(169, 162, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0814, 0.2938, 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(169, 162, 192) }
```

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

```
.background{ background-color: rgb(169,  
162, 192) }
```

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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