

Converting Colors

$Yxy(38.2401, 0.2815, 0.2672)$

Have a look what the booklet for
Yxy(38.2401, 0.2815, 0.2672)
contains.

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Color

Yxy(38.0816, 0.2820, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	A9A0CF
RGB	169, 160, 207
RGB Percent	66%, 63%, 81%
CMY	0.3373, 0.3725, 0.1883
CMYK	0.18, 0.23, 0.00, 0.19
HSL	251°, 33%, 72%
HSV	251°, 23%, 81%
XYZ	40.1909, 38.0816, 64.2484
YIQ	168.0490, -9.7230, 16.5250

Conversions

Conversions Part 2

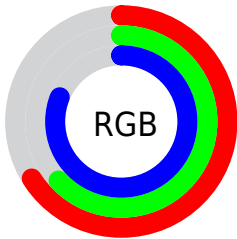
Format	Color
R_{YB}	169, 160, 207
Decimal	11116751
CIE _{Lab}	68.08, 12.87, -22.78
CIE _{LCh}	68, 26.169, 299.466
Yxy	38.0816, 0.2820, 0.2672
Android (android.graphics.Color)	4289306831 (0xFFA9A0CF)
YUV	168.0490, 19.2028, 0.8340
Hunter-Lab	61.7103, 8.2611, -18.5314

Details

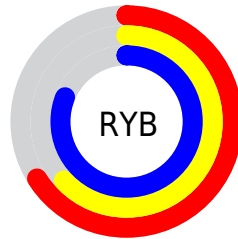
The Yxy color **38.0816, 0.2820, 0.2672** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.1589, 0.3394, 0.3865**, and the grayscale version is **39.0905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8284, 0.2938, 0.2875**, and **16.9502, 0.2717, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **29.7593, 0.2655, 0.2357**, and if you desaturate by 10%, it is **47.8388, 0.2967, 0.2963**.

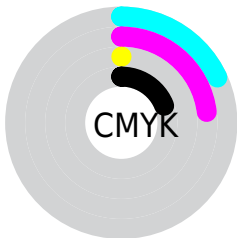
Distribution



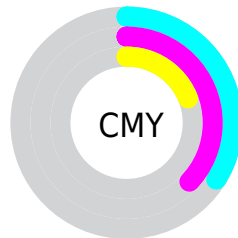
- Red (66%)
- Green (63%)
- Blue (81%)



- Red (66%)
- Yellow (63%)
- Blue (81%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)



- Cyan (34%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0816, 0.2820, 0.2672 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 38.0816, 0.2820, 0.2672 by changing the saturation by 10% instead.

■ 38.0816, 0.2820,
0.2672

■ 38.0816, 0.2820,
0.2672

■ 337.9699, 0.2980,
0.2979

■ 26.0460, 0.2778,
0.2596

■ 72.2332, 0.2880,
0.2783

■ 16.8581, 0.2724,
0.2500

■ 95.1180, 0.2902,
0.2825

■ 10.1334, 0.2650,
0.2373

■ 122.3880, 0.2920,
0.2861

■ 5.4875, 0.2544,
0.2199

■ 154.4276, 0.2936,
0.2891

■ 2.5360, 0.2382,
0.1948

■ 191.6212, 0.2949,
0.2918

■ 0.8946, 0.2111,
0.1564

■ 234.3532, 0.2961,

■ 0.0000, 0.0734,

0.2941

0.0000

283.0079, 0.2971,
0.2961

0.0000, 0.0000,
0.0000

38.0816, 0.2820,
0.2672

38.0816, 0.2820,
0.2672

29.7593, 0.2655,
0.2357

47.8388, 0.2967,
0.2963

22.7992, 0.2476,
0.2024

59.0896, 0.3096,
0.3225

17.1291, 0.2287,
0.1689

71.8952, 0.3207,
0.3457

12.6686, 0.2098,
0.1369

86.3120, 0.3302,
0.3662

9.3276, 0.1921,
0.1088

96.8496, 0.3397,
0.3763

■ 7.0034, 0.1768,
0.0865

■ 97.2839, 0.3412,
0.3761

■ 5.5738, 0.1650,
0.0716

■ 4.9462, 0.1586,
0.0647

Harmonies

Analogous

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



38.0816, 0.2536, 0.2674



38.0816, 0.2820, 0.2672



38.0816, 0.3203, 0.2812

Triad

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



38.0816, 0.2820, 0.2672



38.0816, 0.3901, 0.3684



38.0816, 0.2671, 0.3518

Complementary

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



38.0816, 0.2820, 0.2672



59.1589, 0.3394, 0.3865

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.



38.0816, 0.3015, 0.3846



38.0816, 0.2820, 0.2672



38.0816, 0.3732, 0.3919

Square

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



38.0816, 0.2820, 0.2672



38.0816, 0.3849, 0.3373



38.0816, 0.3405, 0.3993



38.0816, 0.2454, 0.3137

Rectangle

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



38.0816, 0.2820, 0.2672



38.0816, 0.3467, 0.2969



38.0816, 0.3405, 0.3993



38.0816, 0.2775, 0.3641

Sweetspot

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



38.0832, 0.2820, 0.2672



86.4990, 0.3041, 0.3113



52.5347, 0.2785, 0.3178



18.2776, 0.3033, 0.3097



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.



38.0832, 0.2820, 0.2672



54.5855, 0.2746, 0.2529



40.8696, 0.3020, 0.2707



11.5249, 0.3011, 0.3052



3.1481, 0.1596, 0.0653



0.2090, 0.1767, 0.0747

Inverse Universe

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



42.4849, 0.3232, 0.2831



62.8423, 0.3257, 0.2735



56.2536, 0.3210, 0.3900



11.9687, 0.3166, 0.3104



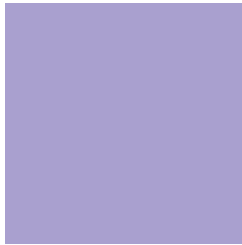
10.1391, 0.3756, 0.1843



0.5771, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 38.0816, 0.2820, 0.2672 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 38.0816, 0.2820, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

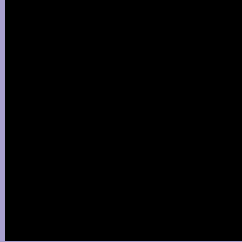
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0816, 0.2820, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 38.0816, 0.2820, 0.2672.



This preview shows how white text looks on a background with the Yxy color 38.0816, 0.2820, 0.2672.

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

38.0816, 0.2820, 0.2672

Protanopia

38.0741, 0.2681, 0.2670

Deuteranopia

38.2277, 0.2764, 0.2713



Tritanopia

38.0171, 0.3008, 0.3108

Trichromacy



Original Color

38.0816, 0.2820, 0.2672

Protanomaly

38.1688, 0.2726, 0.2675

Deuteranomaly

38.1894, 0.2787, 0.2704

Tritanomaly

37.9755, 0.2936, 0.2933

Monochromacy



Original Color

38.0816, 0.2820, 0.2672

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6125, 0.3011, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0816, 0.2820, 0.2672 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, 160, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 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(169, 160, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 207) }
```

Border

The CSS property to change the border of an element to Yxy 38.0816, 0.2820, 0.2672 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, 160, 207) }
```

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

```
.border{ border-color:rgb(169, 160, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 160, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 160, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 160, 207); box-shadow:4px 4px 4px 4px rgb(169, 160, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0816, 0.2820, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 207) }
```

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

```
.background{ background-color: rgb(169,  
160, 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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