

Converting Colors

$Yxy(38.6815, 0.3029, 0.2821)$

Have a look what the booklet for
Yxy(38.6815, 0.3029, 0.2821)
contains.

Yxy(38.6815, 0.3029, 0.2821)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6815, 0.3029, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	B69FC3
RGB	182, 159, 195
RGB Percent	71%, 62%, 76%
CMY	0.2864, 0.3764, 0.2353
CMYK	0.07, 0.18, 0.00, 0.24
HSL	278°, 23%, 69%
HSV	278°, 18%, 76%
XYZ	41.5336, 38.6815, 56.9047
YIQ	169.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

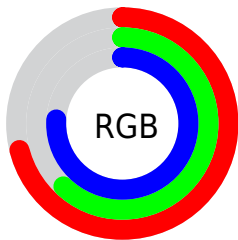
Format	Color
R_{YB}	182, 159, 195
Decimal	11968451
CIE _{Lab}	68.52, 15.11, -15.37
CIE _{LCh}	69, 21.559, 314.508
Yxy	38.6815, 0.3029, 0.2821
Android (android.graphics.Color)	4290158531 (0xFFB69FC3)
YUV	169.9810, 12.3344, 10.5407
Hunter-Lab	62.1945, 10.3624, -10.7112

Details

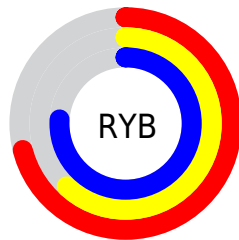
The Yxy color **38.6815, 0.3029, 0.2821** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.3086, 0.3209, 0.3772**, and the grayscale version is **40.1243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2986, 0.3046, 0.2904**, and **17.1056, 0.3001, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **31.6584, 0.2963, 0.2547**, and if you desaturate by 10%, it is **46.8092, 0.3086, 0.3082**.

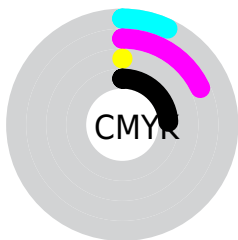
Distribution



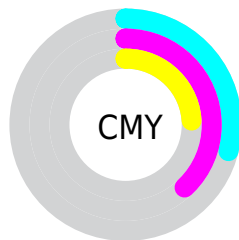
- Red (71%)
- Green (62%)
- Blue (76%)



- Red (71%)
- Yellow (62%)
- Blue (76%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)





- Cyan (29%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6815, 0.3029, 0.2821 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 38.6815, 0.3029, 0.2821 by changing the saturation by 10% instead.


 38.6815, 0.3029,
0.2821


 38.6815, 0.3029,
0.2821

340.5345, 0.3082,
0.3055

 26.5120, 0.3014,
0.2763


 73.1515, 0.3049,
0.2906

 17.2071, 0.2995,
0.2688


 96.2208, 0.3057,
0.2938

 10.3823, 0.2968,
0.2590


123.6923, 0.3063,
0.2965

 5.6531, 0.2927,
0.2453

155.9502, 0.3068,
0.2988

 2.6353, 0.2862,
0.2252

193.3789, 0.3072,
0.3008

 0.9445, 0.2740,
0.1930

236.3630, 0.3076,

 0.0000, 0.1921,

0.3026

0.0000

285.2867, 0.3079,
0.3041

0.0000, 0.0000,
0.0000

38.6815, 0.3029,
0.2821

38.6815, 0.3029,
0.2821

31.6584, 0.2963,
0.2547

46.8092, 0.3086,
0.3082

25.6849, 0.2886,
0.2268

56.0834, 0.3134,
0.3327

20.7085, 0.2802,
0.1993

66.5499, 0.3174,
0.3552

16.6703, 0.2709,
0.1733

78.2503, 0.3207,
0.3758

13.5048, 0.2613,
0.1500

90.2538, 0.3235,
0.3929

■ 11.1379, 0.2514,
0.1307

■ 91.3610, 0.3281,
0.3920

■ 9.4829, 0.2419,
0.1161

■ 92.5151, 0.3327,
0.3911

■ 8.4015, 0.2328,
0.1062

■ 93.7166, 0.3373,
0.3902

■ 8.2537, 0.2314,
0.1048

■ 94.9661, 0.3420,
0.3892

Harmonies

Analogous

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



38.6815, 0.2744, 0.2762



38.6815, 0.3029, 0.2821



38.6815, 0.3355, 0.2989

Triad

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



38.6815, 0.3029, 0.2821



38.6815, 0.3714, 0.3728



38.6815, 0.2645, 0.3321

Complementary

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



38.6815, 0.3029, 0.2821



50.3086, 0.3209, 0.3772

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.



38.6815, 0.2886, 0.3621



38.6815, 0.3029, 0.2821



38.6815, 0.3504, 0.3856

Square

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



38.6815, 0.3029, 0.2821



38.6815, 0.3762, 0.3497



38.6815, 0.3199, 0.3822



38.6815, 0.2531, 0.3031

Rectangle

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



38.6815, 0.3029, 0.2821



38.6815, 0.3550, 0.3145



38.6815, 0.3199, 0.3822



38.6815, 0.2713, 0.3426

Sweetspot

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



38.6831, 0.3029, 0.2821



87.5686, 0.3098, 0.3141



40.8975, 0.2836, 0.2978



18.9432, 0.3095, 0.3125



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.



38.6831, 0.3029, 0.2821



64.1613, 0.3004, 0.2716



40.1302, 0.3191, 0.2895



10.0593, 0.3081, 0.3059



5.4135, 0.2326, 0.1055



0.2717, 0.2526, 0.1165

Inverse Universe

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



39.3841, 0.3357, 0.3122



65.6826, 0.3417, 0.3084



49.0752, 0.3069, 0.3719



10.1368, 0.3233, 0.3207



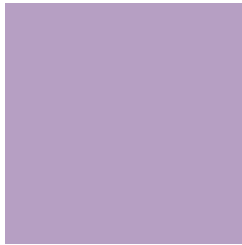
7.8480, 0.5504, 0.2806



0.3524, 0.4884, 0.2464

Previews

White Background



This preview shows how the Yxy color 38.6815, 0.3029, 0.2821 looks on a white background.

Color Contrast Check

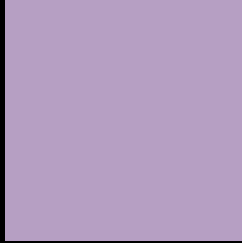
Large Text (above 18pt) WCAG AA × Fail

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 38.6815, 0.3029, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

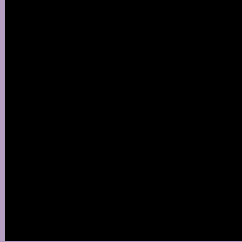
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6815, 0.3029, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 38.6815, 0.3029, 0.2821.



This preview shows how white text looks on a background with the Yxy color 38.6815, 0.3029, 0.2821.

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

38.6815, 0.3029, 0.2821

Protanopia

38.8695, 0.2810, 0.2841

Deuteranopia

38.7474, 0.2940, 0.2874



Tritanopia

38.5195, 0.3173, 0.3114

Trichromacy



Original Color

38.6815, 0.3029, 0.2821

Protanomaly

38.5964, 0.2882, 0.2821

Deuteranomaly

38.8497, 0.2975, 0.2865

Tritanomaly

38.5704, 0.3122, 0.3009

Monochromacy



Original Color

38.6815, 0.3029, 0.2821

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.5258, 0.3090, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6815, 0.3029, 0.2821 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(182, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 195)  
}
```

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(182, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.6815, 0.3029, 0.2821 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(182, 159, 195) }
```

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

```
.border{ border-color:rgb(182, 159, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6815, 0.3029, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 195) }
```

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

```
.background{ background-color: rgb(182,  
159, 195) }
```

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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