

Converting Colors

$Yxy(38.6592, 0.2917, 0.2766)$

Have a look what the booklet for
Yxy(38.6592, 0.2917, 0.2766)
contains.

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Color

Yxy(38.8207, 0.2918, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	AFA1C9
RGB	175, 161, 201
RGB Percent	69%, 63%, 79%
CMY	0.3137, 0.3686, 0.2116
CMYK	0.13, 0.20, 0.00, 0.21
HSL	261°, 27%, 71%
HSV	261°, 20%, 79%
XYZ	40.9688, 38.8207, 60.6108
YIQ	169.7460, -4.4960, 15.4080

Conversions

Conversions Part 2

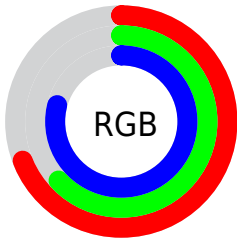
Format	Color
R _Y B	175, 161, 201
Decimal	11510217
CIE Lab	68.62, 12.95, -18.62
CIE LCh	69, 22.684, 304.810
Yxy	38.8207, 0.2918, 0.2765
Android (android.graphics.Color)	4289700297 (0xFFAFA1C9)
YUV	169.7460, 15.4082, 4.6078
Hunter-Lab	62.3063, 8.3348, -14.0623

Details

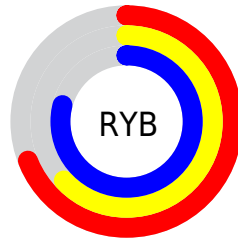
The Yxy color **38.8207, 0.2918, 0.2765** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.9302, 0.3309, 0.3800**, and the grayscale version is **39.9902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3207, 0.2979, 0.2891**, and **17.1814, 0.2848, 0.2608** is the 20% darker color. If you saturate the color by 10%, you get **30.9116, 0.2790, 0.2468**, and if you desaturate by 10%, it is **48.0091, 0.3031, 0.3041**.

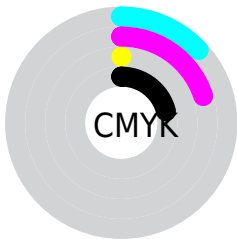
Distribution



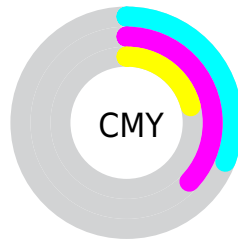
- Red (69%)
- Green (63%)
- Blue (79%)



- Red (69%)
- Yellow (63%)
- Blue (79%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)




- Cyan (31%)
- Magenta (37%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8207, 0.2918, 0.2765 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 38.8207, 0.2918, 0.2765 by changing the saturation by 10% instead.

 38.8207, 0.2918,
0.2765


 38.8207, 0.2918,
0.2765


341.1276, 0.3028,
0.3027

 26.6203, 0.2889,
0.2700


 73.3643, 0.2959,
0.2860

 17.2882, 0.2851,
0.2617


 96.4763, 0.2974,
0.2895

 10.4402, 0.2799,
0.2508


123.9943, 0.2987,
0.2926

 5.6918, 0.2724,
0.2357

156.3026, 0.2997,
0.2952

 2.6586, 0.2607,
0.2137

193.7857, 0.3007,
0.2974

 0.9562, 0.2404,
0.1790

236.8280, 0.3015,

 0.0000, 0.1298,

0.2994

0.0000

285.8138, 0.3022,
0.3011

0.0000, 0.0000,
0.0000

38.8207, 0.2918,
0.2765

38.8207, 0.2918,
0.2765

30.9116, 0.2790,
0.2468

48.0091, 0.3031,
0.3041

24.2189, 0.2646,
0.2156

58.5262, 0.3128,
0.3292

18.6816, 0.2491,
0.1840

70.4247, 0.3211,
0.3518

14.2314, 0.2328,
0.1535

83.7529, 0.3281,
0.3719

10.7925, 0.2166,
0.1259

94.3282, 0.3350,
0.3837

■ 8.2789, 0.2012,
0.1028

■ 96.7041, 0.3437,
0.3822

■ 6.5896, 0.1877,
0.0858

■ 96.9985, 0.3448,
0.3820

■ 5.5396, 0.1764,
0.0746

■ 5.5315, 0.1763,
0.0745

Harmonies

Analogous

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



38.8207, 0.2650, 0.2745



38.8207, 0.2918, 0.2765



38.8207, 0.3256, 0.2907

Triad

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



38.8207, 0.2918, 0.2765



38.8207, 0.3781, 0.3678



38.8207, 0.2690, 0.3429

Complementary

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



38.8207, 0.2918, 0.2765



54.9302, 0.3309, 0.3800

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.



38.8207, 0.2975, 0.3724



38.8207, 0.2918, 0.2765



38.8207, 0.3609, 0.3857

Square

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



38.8207, 0.2918, 0.2765



38.8207, 0.3770, 0.3416



38.8207, 0.3311, 0.3883



38.8207, 0.2524, 0.3108

Rectangle

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



38.8207, 0.2918, 0.2765



38.8207, 0.3477, 0.3055



38.8207, 0.3311, 0.3883



38.8207, 0.2774, 0.3536

Sweetspot

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



38.8223, 0.2918, 0.2765



88.7851, 0.3070, 0.3140



47.6289, 0.2821, 0.3113



18.7535, 0.3063, 0.3123



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.



38.8223, 0.2918, 0.2765



60.1918, 0.2863, 0.2636



41.2256, 0.3090, 0.2791



10.4648, 0.3036, 0.3055



3.5232, 0.1777, 0.0752



0.2072, 0.2019, 0.0886

Inverse Universe

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



41.5013, 0.3274, 0.2966



65.6722, 0.3313, 0.2890



52.6500, 0.3153, 0.3825



10.7512, 0.3190, 0.3141



8.8511, 0.4325, 0.2156



0.4324, 0.4035, 0.1997

Previews

White Background



This preview shows how the Yxy color 38.8207, 0.2918, 0.2765 looks on a white background.

Color Contrast Check

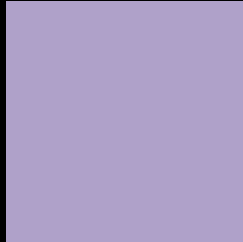
Large Text (above 18pt) WCAG AA × Fail

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 38.8207, 0.2918, 0.2765 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 38.8207, 0.2918, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 38.8207, 0.2918, 0.2765.



This preview shows how white text looks on a background with the Yxy color 38.8207, 0.2918, 0.2765.

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

38.8207, 0.2918, 0.2765

Protanopia

39.0030, 0.2765, 0.2777

Deuteranopia

38.9835, 0.2851, 0.2796



Tritanopia

38.7825, 0.3071, 0.3111

Trichromacy



Original Color

38.8207, 0.2918, 0.2765

Protanomaly

38.8620, 0.2820, 0.2769

Deuteranomaly

38.9575, 0.2876, 0.2786

Tritanomaly

38.8667, 0.3014, 0.2992

Monochromacy



Original Color

38.8207, 0.2918, 0.2765

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7443, 0.3055, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8207, 0.2918, 0.2765 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(175, 161, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 201)  
}
```

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(175, 161, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 201) }
```

Border

The CSS property to change the border of an element to Yxy 38.8207, 0.2918, 0.2765 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(175, 161, 201) }
```

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

```
.border{ border-color:rgb(175, 161, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8207, 0.2918, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 201) }
```

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

```
.background{ background-color: rgb(175,  
161, 201) }
```

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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