

Converting Colors

$Yxy(38.7104, 0.2963, 0.2823)$

Have a look what the booklet for
Yxy(38.7104, 0.2963, 0.2823)
contains.

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Color

Yxy(38.7054, 0.2967, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1C4
RGB	176, 161, 196
RGB Percent	69%, 63%, 77%
CMY	0.3099, 0.3686, 0.2314
CMYK	0.10, 0.18, 0.00, 0.23
HSL	266°, 23%, 70%
HSV	266°, 18%, 77%
XYZ	40.6078, 38.7054, 57.5517
YIQ	169.4750, -2.2950, 14.0650

Conversions

Conversions Part 2

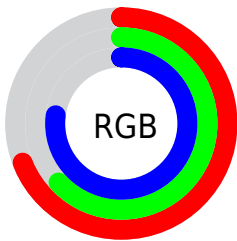
Format	Color
R _Y B	176, 161, 196
Decimal	11575748
CIE Lab	68.54, 12.20, -15.95
CIE LCh	69, 20.082, 307.401
Yxy	38.7054, 0.2967, 0.2828
Android (android.graphics.Color)	4289765828 (0xFFB0A1C4)
YUV	169.4750, 13.0768, 5.7224
Hunter-Lab	62.2137, 7.6358, -11.2976

Details

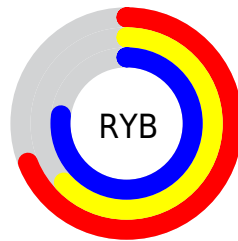
The Yxy color $38.7054, 0.2967, 0.2828$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $51.8796, 0.3267, 0.3747$, and the grayscale version is $39.8578, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.3594, 0.2998, 0.2911$, and $17.1012, 0.2915, 0.2692$ is the 20% darker color. If you saturate the color by 10%, you get $31.1307, 0.2858, 0.2541$, and if you desaturate by 10%, it is $47.4652, 0.3062, 0.3096$.

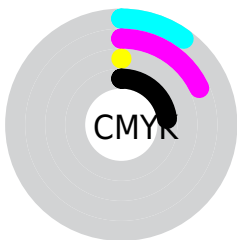
Distribution



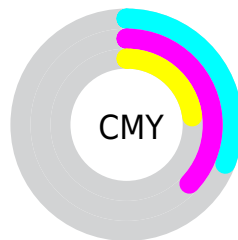
- Red (69%)
- Green (63%)
- Blue (77%)



- Red (69%)
- Yellow (63%)
- Blue (77%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7054, 0.2967, 0.2828 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 38.7054, 0.2967, 0.2828 by changing the saturation by 10% instead.


 38.7054, 0.2967,
0.2828


 38.7054, 0.2967,
0.2828

340.6363, 0.3051,
0.3059

 26.5306, 0.2945,
0.2770


 73.1881, 0.2999,
0.2912

 17.2210, 0.2915,
0.2696


 96.2647, 0.3010,
0.2944

 10.3922, 0.2874,
0.2598


123.7441, 0.3020,
0.2970

 5.6598, 0.2815,
0.2462

156.0107, 0.3028,
0.2993

 2.6393, 0.2722,
0.2261

193.4488, 0.3035,
0.3013

 0.9465, 0.2555,
0.1937

236.4429, 0.3041,

 0.0000, 0.1328,


0.3030


0.0000


285.3772, 0.3047,
0.3046


 0.0000, 0.0000,
0.0000


 38.7054, 0.2967,
0.2828


 38.7054, 0.2967,
0.2828


 31.1307, 0.2858,
0.2541


 47.4652, 0.3062,
0.3096


 24.6837, 0.2734,
0.2239

 57.4543, 0.3144,
0.3341


 19.3095, 0.2599,
0.1934

 68.7207, 0.3213,
0.3562

 14.9465, 0.2454,
0.1638

 81.3082, 0.3271,
0.3760

 11.5267, 0.2306,
0.1365

 92.6720, 0.3325,
0.3900

■ 8.9734, 0.2162,
0.1134

■ 94.6104, 0.3400,
0.3885

■ 7.1969, 0.2028,
0.0956

■ 96.6709, 0.3475,
0.3871

■ 6.0660, 0.1910,
0.0836

■ 96.7653, 0.3478,
0.3870

■ 5.8614, 0.1887,
0.0813

Harmonies

Analogous

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



38.7054, 0.2720, 0.2801



38.7054, 0.2967, 0.2828



38.7054, 0.3269, 0.2964

Triad

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



38.7054, 0.2967, 0.2828



38.7054, 0.3699, 0.3655



38.7054, 0.2721, 0.3389

Complementary

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



38.7054, 0.2967, 0.2828



51.8796, 0.3267, 0.3747

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.



38.7054, 0.2969, 0.3653



38.7054, 0.2967, 0.2828



38.7054, 0.3536, 0.3801

Square

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



38.7054, 0.2967, 0.2828



38.7054, 0.3703, 0.3426



38.7054, 0.3267, 0.3806



38.7054, 0.2583, 0.3109

Rectangle

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



38.7054, 0.2967, 0.2828



38.7054, 0.3461, 0.3100



38.7054, 0.3267, 0.3806



38.7054, 0.2794, 0.3484

Sweetspot

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



38.7070, 0.2967, 0.2828



90.7752, 0.3086, 0.3166



44.7826, 0.2851, 0.3094



19.1622, 0.3080, 0.3148



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.



38.7070, 0.2967, 0.2828



65.1065, 0.2931, 0.2730



40.8281, 0.3121, 0.2849



9.9538, 0.3049, 0.3057



3.8150, 0.1901, 0.0821



0.2054, 0.2161, 0.0964

Inverse Universe

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



40.5676, 0.3281, 0.3035



69.0753, 0.3317, 0.2983



49.9364, 0.3128, 0.3766



10.1723, 0.3202, 0.3159



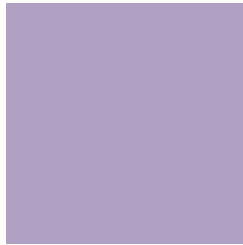
8.3126, 0.4636, 0.2327



0.3727, 0.4235, 0.2107

Previews

White Background



This preview shows how the Yxy color 38.7054, 0.2967, 0.2828 looks on a white background.

Color Contrast Check

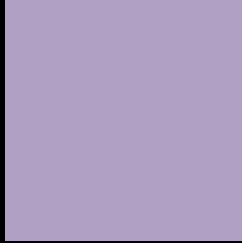
Large Text (above 18pt) WCAG AA × Fail

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 38.7054, 0.2967, 0.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

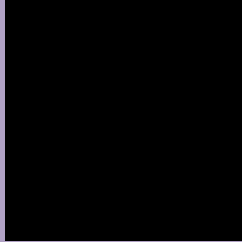
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7054, 0.2967, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 38.7054, 0.2967, 0.2828.



This preview shows how white text looks on a background with the Yxy color 38.7054, 0.2967, 0.2828.

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

38.7054, 0.2967, 0.2828

Protanopia

38.8695, 0.2810, 0.2841

Deuteranopia

38.7260, 0.2915, 0.2848



Tritanopia

38.6095, 0.3099, 0.3112

Trichromacy



Original Color

38.7054, 0.2967, 0.2828

Protanomaly

38.7351, 0.2866, 0.2832

Deuteranomaly

38.5968, 0.2932, 0.2837

Tritanomaly

38.6537, 0.3049, 0.3006

Monochromacy



Original Color

38.7054, 0.2967, 0.2828

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2978, 0.3072, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7054, 0.2967, 0.2828 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(176, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 196)  
}
```

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(176, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 196) }
```

Border

The CSS property to change the border of an element to Yxy 38.7054, 0.2967, 0.2828 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(176, 161, 196) }
```

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

```
.border{ border-color:rgb(176, 161, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7054, 0.2967, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 196) }
```

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

```
.background{ background-color: rgb(176,  
161, 196) }
```

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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