

Converting Colors

$Yxy(38.8765, 0.2732, 0.2557)$

Have a look what the booklet for
Yxy(38.8765, 0.2732, 0.2557)
contains.

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Color

Yxy(38.8765, 0.2732, 0.2557)

Conversions

Conversions Part 1

Format	Color
Hex	A8A1DA
RGB	168, 161, 218
RGB Percent	66%, 63%, 85%
CMY	0.3414, 0.3685, 0.1452
CMYK	0.23, 0.26, 0.00, 0.15
HSL	247°, 43%, 74%
HSV	247°, 26%, 85%
XYZ	41.5372, 38.8765, 71.6258
YIQ	169.5910, -14.1250, 19.2110

Conversions

Conversions Part 2

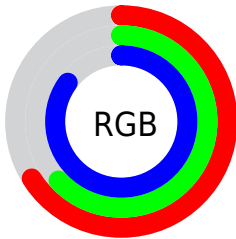
Format	Color
RYB	168, 161, 218
Decimal	11051482
CIELab	68.66, 14.51, -27.97
CIElCh	69, 31.512, 297.422
Yxy	38.8765, 0.2732, 0.2557
Android (android.graphics.Color)	4289241562 (0xFFA8A1DA)
YUV	169.5910, 23.8656, -1.3953
Hunter-Lab	62.3510, 9.7994, -24.4637

Details

The Yxy color **38.8765, 0.2732, 0.2557** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **66.5592, 0.3466, 0.3952**, and the grayscale version is **39.8664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1790, 0.2932, 0.2885**, and **17.2265, 0.2611, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **29.9627, 0.2548, 0.2227**, and if you desaturate by 10%, it is **49.4308, 0.2899, 0.2862**.

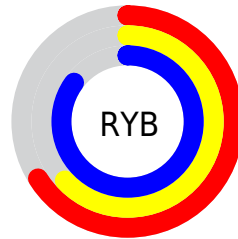
Distribution



Red (66%)

Green (63%)

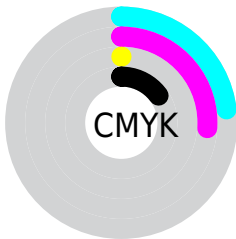
Blue (85%)



Red (66%)

Yellow (63%)

Blue (85%)

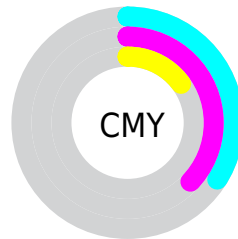


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (34%)

Magenta (37%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8765, 0.2732, 0.2557 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 38.8765, 0.2732, 0.2557 by changing the saturation by 10% instead.

■ 38.8765, 0.2732,
0.2557

■ 38.8765, 0.2732,
0.2557

341.3651, 0.2936,
0.2917

■ 26.6637, 0.2680,
0.2470

■ 73.4496, 0.2807,
0.2686

■ 17.3208, 0.2612,
0.2360

■ 96.5787, 0.2835,
0.2735

■ 10.4635, 0.2520,
0.2216

124.1153, 0.2859,
0.2777

■ 5.7073, 0.2392,
0.2024

156.4438, 0.2879,
0.2813

■ 2.6679, 0.2202,
0.1754

193.9487, 0.2896,
0.2844

■ 0.9609, 0.1897,
0.1359

237.0143, 0.2911,

■ 0.0000, 0.0941,

0.2871

0.0000

286.0249, 0.2925,
0.2896

0.0000, 0.0000,
0.0000

38.8765, 0.2732,
0.2557

38.8765, 0.2732,
0.2557

29.9627, 0.2548,
0.2227

49.4308, 0.2899,
0.2862

22.6022, 0.2351,
0.1883

61.6976, 0.3046,
0.3137

16.7072, 0.2151,
0.1543

75.7500, 0.3175,
0.3381

12.1788, 0.1959,
0.1227

91.6556, 0.3285,
0.3594

8.9061, 0.1789,
0.0961

97.8406, 0.3346,
0.3651

■ 6.7602, 0.1655,
0.0766

■ 5.5827, 0.1564,
0.0652

■ 5.2870, 0.1540,
0.0622

Harmonies

Analogous

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



38.8765, 0.2412, 0.2567



38.8765, 0.2732, 0.2557



38.8765, 0.3182, 0.2712

Triad

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



38.8765, 0.2732, 0.2557



38.8765, 0.4056, 0.3724



38.8765, 0.2606, 0.3594

Complementary

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



38.8765, 0.2732, 0.2557



66.5592, 0.3466, 0.3952

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.



38.8765, 0.3020, 0.3985



38.8765, 0.2732, 0.2557



38.8765, 0.3867, 0.4021

Square

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



38.8765, 0.2732, 0.2557



38.8765, 0.3979, 0.3354



38.8765, 0.3482, 0.4138



38.8765, 0.2342, 0.3130

Rectangle

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



38.8765, 0.2732, 0.2557



38.8765, 0.3500, 0.2889



38.8765, 0.3482, 0.4138



38.8765, 0.2731, 0.3742

Sweetspot

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



38.8781, 0.2732, 0.2557



84.4264, 0.3019, 0.3086



59.3927, 0.2739, 0.3207



17.4836, 0.2997, 0.3045



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.



38.8781, 0.2732, 0.2557



48.6358, 0.2639, 0.2390



42.3136, 0.2967, 0.2605



12.6927, 0.3000, 0.3050



3.1931, 0.1547, 0.0626



0.2325, 0.1658, 0.0687

Inverse Universe

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



45.1050, 0.3217, 0.2716



58.9072, 0.3237, 0.2602



62.7528, 0.3250, 0.4000



13.2462, 0.3156, 0.3087



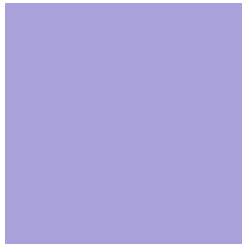
11.2070, 0.3540, 0.1724



0.7339, 0.3479, 0.1690

Previews

White Background



This preview shows how the Yxy color 38.8765, 0.2732, 0.2557 looks on a white background.

Color Contrast Check

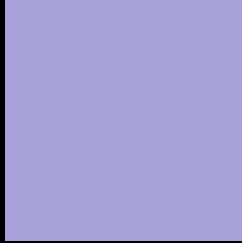
Large Text (above 18pt) WCAG AA × Fail

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 38.8765, 0.2732, 0.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

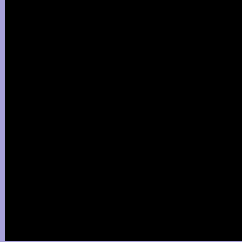
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8765, 0.2732, 0.2557

Background



This preview shows how black text looks on a background with the Yxy color 38.8765, 0.2732, 0.2557.



This preview shows how white text looks on a background with the Yxy color 38.8765, 0.2732, 0.2557.

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

38.8765, 0.2732, 0.2557

Protanopia

38.8061, 0.2594, 0.2552

Deuteranopia

39.0881, 0.2658, 0.2605



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

38.8765, 0.2732, 0.2557

Protanomaly

38.9873, 0.2644, 0.2558

Deuteranomaly

39.1377, 0.2687, 0.2597

Tritanomaly

38.6978, 0.2880, 0.2895

Monochromacy



Original Color

38.8765, 0.2732, 0.2557

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6603, 0.2979, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8765, 0.2732, 0.2557 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(168, 161, 218)` looks like.

```
.text, #text, p{  
    color:rgb(168, 161, 218)  
}
```

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(168, 161, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 161, 218) }
```

Border

The CSS property to change the border of an element to Yxy 38.8765, 0.2732, 0.2557 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(168, 161, 218) }
```

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

```
.border{ border-color:rgb(168, 161, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 161, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 161, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 161, 218);  
box-shadow:4px 4px 4px 4px rgb(168, 161,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8765, 0.2732, 0.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 161, 218) }
```

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

```
.background{ background-color: rgb(168,  
161, 218) }
```

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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