

Converting Colors

Yxy(38.6398, 0.3024, 0.2940)

Have a look what the booklet for
Yxy(38.6398, 0.3024, 0.2940)
contains.

Yxy(38.5855, 0.3024, 0.2941)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.5855, 0.3024, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	AFA2BC
RGB	175, 162, 188
RGB Percent	69%, 64%, 74%
CMY	0.3138, 0.3647, 0.2627
CMYK	0.07, 0.14, 0.00, 0.26
HSL	270°, 16%, 69%
HSV	270°, 14%, 74%
XYZ	39.6744, 38.5855, 52.9386
YIQ	168.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

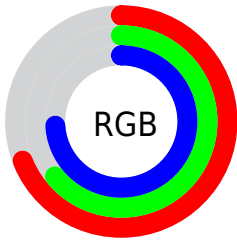
Format	Color
R_{YB}	175, 162, 188
Decimal	11510460
CIE Lab	68.45, 9.67, -11.66
CIE LCh	68, 15.148, 309.655
Yxy	38.5855, 0.3024, 0.2941
Android (android.graphics.Color)	4289700540 (0xFFAFA2BC)
YUV	168.8510, 9.4405, 5.3927
Hunter-Lab	62.1172, 5.3033, -7.0471

Details

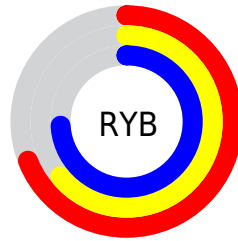
The Yxy color **38.5855, 0.3024, 0.2941** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6976, 0.3219, 0.3639**, and the grayscale version is **39.5515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1463, 0.3049, 0.3010**, and **17.0387, 0.2982, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **31.3987, 0.2935, 0.2666**, and if you desaturate by 10%, it is **46.8419, 0.3101, 0.3197**.

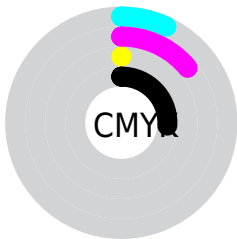
Distribution



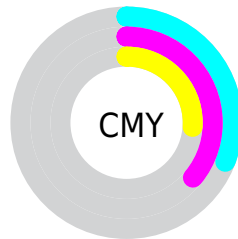
- Red (69%)
- Green (64%)
- Blue (74%)



- Red (69%)
- Yellow (64%)
- Blue (74%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)





- Cyan (31%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5855, 0.3024, 0.2941 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 38.5855, 0.3024, 0.2941 by changing the saturation by 10% instead.


 38.5855, 0.3024,
0.2941


 38.5855, 0.3024,
0.2941


340.1250, 0.3078,
0.3117

 26.4374, 0.3009,
0.2897


 73.0047, 0.3044,
0.3005

 17.1512, 0.2990,
0.2839


 96.0446, 0.3052,
0.3029

 10.3423, 0.2964,
0.2762


123.4838, 0.3058,
0.3050

 5.6265, 0.2925,
0.2655

155.7069, 0.3064,
0.3067

 2.6193, 0.2862,
0.2492

193.0982, 0.3068,
0.3082

 0.9364, 0.2747,
0.2221


236.0420, 0.3072,


 0.0000, 0.1039,


0.3095

0.0000

284.9228, 0.3075,
0.3107


 0.0000, 0.0000,
0.0000


 38.5855, 0.3024,
0.2941


 38.5855, 0.3024,
0.2941


 31.3987, 0.2935,
0.2666


 46.8419, 0.3101,
0.3197


 25.2312, 0.2833,
0.2376


 56.2056, 0.3166,
0.3432


 20.0361, 0.2719,
0.2081

 66.7183, 0.3221,
0.3645

 15.7605, 0.2595,
0.1791

 78.4183, 0.3267,
0.3837

 12.3465, 0.2464,
0.1519

 90.6933, 0.3306,
0.3999

9.7294, 0.2332,
0.1281

92.2232, 0.3368,
0.3985

7.8347, 0.2205,
0.1089

93.8375, 0.3431,
0.3970

6.5730, 0.2087,
0.0951

95.5374, 0.3494,
0.3956

6.0014, 0.2020,
0.0887

96.4113, 0.3526,
0.3949

Harmonies

Analogous

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



38.5855, 0.2830, 0.2916



38.5855, 0.3024, 0.2941



38.5855, 0.3253, 0.3051

Triad

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



38.5855, 0.3024, 0.2941



38.5855, 0.3553, 0.3581



38.5855, 0.2808, 0.3350

Complementary

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



38.5855, 0.3024, 0.2941



47.6976, 0.3219, 0.3639

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.



38.5855, 0.2993, 0.3548



38.5855, 0.3024, 0.2941



38.5855, 0.3425, 0.3680

Square

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



38.5855, 0.3024, 0.2941



38.5855, 0.3565, 0.3412



38.5855, 0.3218, 0.3671



38.5855, 0.2709, 0.3142

Rectangle

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



38.5855, 0.3024, 0.2941



38.5855, 0.3394, 0.3160



38.5855, 0.3218, 0.3671



38.5855, 0.2862, 0.3421

Sweetspot

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



38.5871, 0.3024, 0.2941



84.5084, 0.3099, 0.3192



42.1462, 0.2914, 0.3118



17.9161, 0.3094, 0.3173



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.5871, 0.3024, 0.2941



65.2186, 0.2995, 0.2848



40.1127, 0.3139, 0.2953



9.4529, 0.3060, 0.3058



4.1298, 0.2033, 0.0893



0.2007, 0.2300, 0.1041

Inverse Universe

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



39.6329, 0.3258, 0.3119



67.5590, 0.3296, 0.3074



46.3074, 0.3114, 0.3651



9.6140, 0.3212, 0.3176



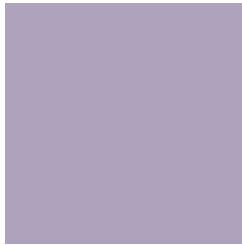
7.8468, 0.4930, 0.2490



0.3206, 0.4411, 0.2204

Previews

White Background



This preview shows how the Yxy color 38.5855, 0.3024, 0.2941 looks on a white background.

Color Contrast Check

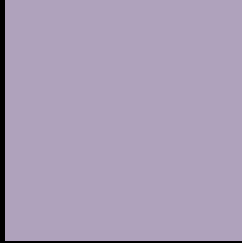
Large Text (above 18pt) WCAG AA × Fail

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 38.5855, 0.3024, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

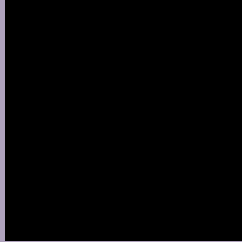
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5855, 0.3024, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 38.5855, 0.3024, 0.2941.



This preview shows how white text looks on a background with the Yxy color 38.5855, 0.3024, 0.2941.

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

38.5855, 0.3024, 0.2941

Protanopia

38.7767, 0.2903, 0.2960

Deuteranopia

38.7095, 0.3006, 0.2953



Tritanopia

38.6095, 0.3099, 0.3112

Trichromacy



Original Color

38.5855, 0.3024, 0.2941

Protanomaly

38.7999, 0.2945, 0.2962

Deuteranomaly

38.8239, 0.3015, 0.2954

Tritanomaly

38.5293, 0.3074, 0.3045

Monochromacy



Original Color

38.5855, 0.3024, 0.2941

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0650, 0.3088, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5855, 0.3024, 0.2941 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, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 188)  
}
```

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, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 188) }
```

Border

The CSS property to change the border of an element to Yxy 38.5855, 0.3024, 0.2941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

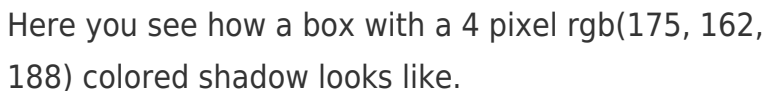
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 162, 188) }
```

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

```
.border{ border-color:rgb(175, 162, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 162, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 162, 188); box-shadow:4px 4px 4px 4px rgb(175, 162, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5855, 0.3024, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 188) }
```

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

```
.background{ background-color: rgb(175,  
162, 188) }
```

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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