

Converting Colors

$Yxy(36.9707, 0.2760, 0.2403)$

Have a look what the booklet for
Yxy(36.9707, 0.2760, 0.2403)
contains.

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Color

Yxy(37.0143, 0.2753, 0.2401)

Conversions

Conversions Part 1

Format	Color
Hex	B098DF
RGB	176, 152, 223
RGB Percent	69%, 60%, 87%
CMY	0.3100, 0.4038, 0.1256
CMYK	0.21, 0.32, 0.00, 0.13
HSL	260°, 53%, 74%
HSV	260°, 32%, 87%
XYZ	42.4408, 37.0143, 74.7069
YIQ	167.2700, -8.4870, 27.1690

Conversions

Conversions Part 2

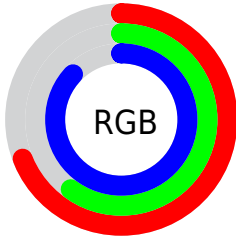
Format	Color
R_{YB}	176, 152, 223
Decimal	11573471
CIE _{Lab}	67.29, 23.17, -32.80
CIE _{LCh}	67, 40.156, 305.234
Yxy	37.0143, 0.2753, 0.2401
Android (android.graphics.Color)	4289763551 (0xFFB098DF)
YUV	167.2700, 27.4749, 7.6562
Hunter-Lab	60.8394, 18.0505, -30.2168

Details

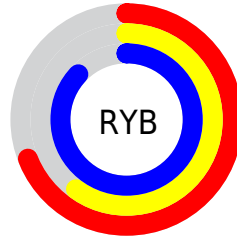
The Yxy color **37.0143, 0.2753, 0.2401** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.1847, 0.3422, 0.4133**, and the grayscale version is **38.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5184, 0.2985, 0.2787**, and **16.2721, 0.2627, 0.2165** is the 20% darker color. If you saturate the color by 10%, you get **28.8142, 0.2603, 0.2084**, and if you desaturate by 10%, it is **46.7657, 0.2888, 0.2705**.

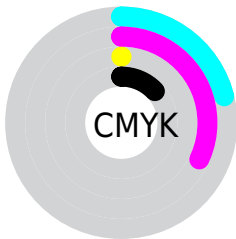
Distribution



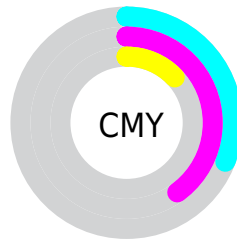
- Red (69%)
- Green (60%)
- Blue (87%)



- Red (69%)
- Yellow (60%)
- Blue (87%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)





- Cyan (31%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0143, 0.2753, 0.2401 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 37.0143, 0.2753, 0.2401 by changing the saturation by 10% instead.

 37.0143, 0.2753,
0.2401


 37.0143, 0.2753,
0.2401


333.3724, 0.2951,
0.2833

 25.2186, 0.2701,
0.2298


 70.5948, 0.2827,
0.2554

 16.2400, 0.2633,
0.2170


 93.1483, 0.2854,
0.2613

 9.6941, 0.2542,
0.2004


120.0566, 0.2877,
0.2663

 5.1966, 0.2412,
0.1786

151.7039, 0.2896,
0.2706

 2.3631, 0.2218,
0.1489

188.4748, 0.2913,
0.2744

 0.8068, 0.1906,
0.1072

230.7536, 0.2927,

 0.0000, 0.1064,

0.2777

0.0000

278.9247, 0.2940,
0.2807

0.0000, 0.0000,
0.0000

37.0143, 0.2753,
0.2401

37.0143, 0.2753,
0.2401

28.8142, 0.2603,
0.2084

46.7657, 0.2888,
0.2705

22.0784, 0.2442,
0.1765

58.1400, 0.3007,
0.2988

16.7182, 0.2275,
0.1461

71.2098, 0.3110,
0.3246

12.6330, 0.2111,
0.1191

86.0418, 0.3198,
0.3478

9.7079, 0.1959,
0.0971

97.1436, 0.3282,
0.3605

■ 7.8059, 0.1828,
0.0816

■ 98.1068, 0.3316,
0.3602

■ 6.8296, 0.1739,
0.0732

Harmonies

Analogous

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



37.0143, 0.2303, 0.2350



37.0143, 0.2753, 0.2401



37.0143, 0.3354, 0.2640

Triad

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



37.0143, 0.2753, 0.2401



37.0143, 0.4289, 0.3933



37.0143, 0.2347, 0.3520

Complementary

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



37.0143, 0.2753, 0.2401



67.1847, 0.3422, 0.4133

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.



37.0143, 0.2827, 0.4101



37.0143, 0.2753, 0.2401



37.0143, 0.3955, 0.4291

Square

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



37.0143, 0.2753, 0.2401



37.0143, 0.4293, 0.3475



37.0143, 0.3415, 0.4389



37.0143, 0.2086, 0.2925

Rectangle

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



37.0143, 0.2753, 0.2401



37.0143, 0.3759, 0.2881



37.0143, 0.3415, 0.4389



37.0143, 0.2487, 0.3729

Sweetspot

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



37.0158, 0.2753, 0.2401



81.7296, 0.3026, 0.3035



53.0039, 0.2637, 0.2989



16.9847, 0.3011, 0.2997



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.



37.0158, 0.2753, 0.2401



42.7540, 0.2658, 0.2197



41.6639, 0.3058, 0.2476



13.4667, 0.3033, 0.3051



4.0721, 0.1754, 0.0740



0.3303, 0.1924, 0.0834

Inverse Universe

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



42.2767, 0.3381, 0.2750



51.0397, 0.3449, 0.2639



62.9109, 0.3164, 0.4205



13.8530, 0.3189, 0.3136



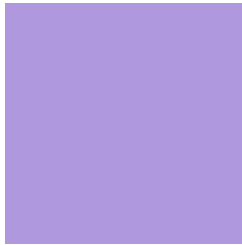
10.5000, 0.4284, 0.2133



0.7443, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 37.0143, 0.2753, 0.2401 looks on a white background.

Color Contrast Check

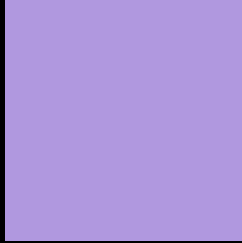
Large Text (above 18pt) WCAG AA × Fail

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 37.0143, 0.2753, 0.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

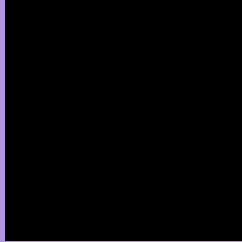
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0143, 0.2753, 0.2401

Background



This preview shows how black text looks on a background with the Yxy color 37.0143, 0.2753, 0.2401.



This preview shows how white text looks on a background with the Yxy color 37.0143, 0.2753, 0.2401.

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

37.0143, 0.2753, 0.2401

Protanopia

37.3935, 0.2470, 0.2397

Deuteranopia

37.3570, 0.2560, 0.2505



Tritanopia

37.1121, 0.3070, 0.3121

Trichromacy



Original Color

37.0143, 0.2753, 0.2401

Protanomaly

36.9683, 0.2567, 0.2396

Deuteranomaly

36.9967, 0.2622, 0.2455

Tritanomaly

36.8055, 0.2946, 0.2829

Monochromacy



Original Color

37.0143, 0.2753, 0.2401

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9746, 0.2988, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0143, 0.2753, 0.2401 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, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 223)  
}
```

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, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 223) }
```

Border

The CSS property to change the border of an element to Yxy 37.0143, 0.2753, 0.2401 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, 152, 223) }
```

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

```
.border{ border-color:rgb(176, 152, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0143, 0.2753, 0.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 223) }
```

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

```
.background{ background-color: rgb(176,  
152, 223) }
```

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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