

Converting Colors

$Yxy(37.7513, 0.3085, 0.2947)$

Have a look what the booklet for
Yxy(37.7513, 0.3085, 0.2947)
contains.

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Color

Yxy(37.7640, 0.3078, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	B29FB9
RGB	178, 159, 185
RGB Percent	70%, 62%, 73%
CMY	0.3018, 0.3765, 0.2744
CMYK	0.04, 0.14, 0.00, 0.27
HSL	284°, 16%, 67%
HSV	284°, 14%, 73%
XYZ	39.5232, 37.7640, 51.1182
YIQ	167.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

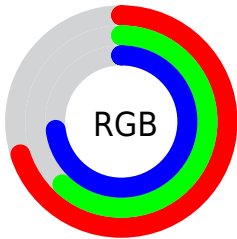
Format	Color
R_{YB}	178, 159, 185
Decimal	11706297
CIE _{Lab}	67.85, 11.79, -10.88
CIE _{LCh}	68, 16.045, 317.308
Yxy	37.7640, 0.3078, 0.2941
Android (android.graphics.Color)	4289896377 (0xFFB29FB9)
YUV	167.6450, 8.5560, 9.0813
Hunter-Lab	61.4524, 7.2606, -6.3027

Details

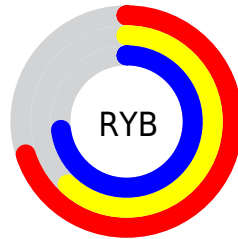
The Yxy color **37.7640, 0.3078, 0.2941** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.3156, 0.3169, 0.3651**, and the grayscale version is **38.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9364, 0.3090, 0.3010**, and **16.7510, 0.3056, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **31.2947, 0.3035, 0.2678**, and if you desaturate by 10%, it is **45.2102, 0.3114, 0.3192**.

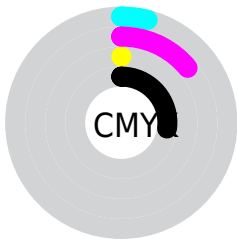
Distribution



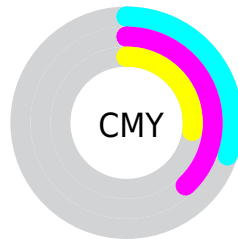
- Red (70%)
- Green (62%)
- Blue (73%)



- Red (70%)
- Yellow (62%)
- Blue (73%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.7640, 0.3078, 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 37.7640, 0.3078, 0.2941 by changing the saturation by 10% instead.

■ 37.7640, 0.3078,
0.2941

■ 37.7640, 0.3078,
0.2941

■ 336.6065, 0.3105,
0.3117

■ 25.7996, 0.3070,
0.2896

■ 71.7463, 0.3088,
0.3006

■ 16.6738, 0.3060,
0.2839

■ 94.5329, 0.3092,
0.3030

■ 10.0022, 0.3046,
0.2762

■ 121.6957, 0.3095,
0.3050

■ 5.4004, 0.3024,
0.2653

■ 153.6191, 0.3098,
0.3067

■ 2.4840, 0.2986,
0.2488

■ 190.6875, 0.3100,
0.3082

■ 0.8686, 0.2914,
0.2213

■ 233.2853, 0.3102,

■ 0.0000, 0.1090,

0.3096

0.0000

281.7968, 0.3104,
0.3107

■ 0.0000, 0.0000,
0.0000

■ 37.7640, 0.3078,
0.2941

■ 37.7640, 0.3078,
0.2941

■ 31.2947, 0.3035,
0.2678

■ 45.2102, 0.3114,
0.3192

■ 25.7552, 0.2984,
0.2410

■ 53.6684, 0.3144,
0.3428

■ 21.1015, 0.2927,
0.2145

■ 63.1776, 0.3168,
0.3646

■ 17.2840, 0.2863,
0.1893

■ 73.7734, 0.3188,
0.3845

■ 14.2485, 0.2795,
0.1665

■ 85.4898, 0.3203,
0.4026

■ 11.9338, 0.2723,
0.1472

■ 88.4097, 0.3231,
0.4053

■ 10.2698, 0.2651,
0.1322

■ 89.1401, 0.3263,
0.4045

■ 9.1719, 0.2580,
0.1219

■ 89.8933, 0.3295,
0.4037

■ 8.6848, 0.2539,
0.1172

■ 90.6694, 0.3327,
0.4030

Harmonies

Analogous

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



37.7640, 0.2856, 0.2889



37.7640, 0.3078, 0.2941



37.7640, 0.3321, 0.3077

Triad

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



37.7640, 0.3078, 0.2941



37.7640, 0.3558, 0.3636



37.7640, 0.2750, 0.3295

Complementary

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



37.7640, 0.3078, 0.2941



45.3156, 0.3169, 0.3651

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.



37.7640, 0.2927, 0.3517



37.7640, 0.3078, 0.2941



37.7640, 0.3393, 0.3716

Square

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



37.7640, 0.3078, 0.2941



37.7640, 0.3604, 0.3469



37.7640, 0.3162, 0.3674



37.7640, 0.2673, 0.3082

Rectangle

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



37.7640, 0.3078, 0.2941



37.7640, 0.3461, 0.3200



37.7640, 0.3162, 0.3674



37.7640, 0.2800, 0.3372

Sweetspot

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



37.7656, 0.3078, 0.2941



80.9557, 0.3114, 0.3192



38.2793, 0.2908, 0.3028



17.2234, 0.3112, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.7656, 0.3078, 0.2941



63.7167, 0.3065, 0.2858



38.3801, 0.3194, 0.3020



9.0382, 0.3096, 0.3062



5.9490, 0.2547, 0.1177



0.2383, 0.2726, 0.1275

Inverse Universe

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



37.8622, 0.3317, 0.3196



63.9447, 0.3368, 0.3174



44.7812, 0.3067, 0.3576



9.0508, 0.3247, 0.3229



7.1885, 0.5839, 0.2990



0.2641, 0.5086, 0.2576

Previews

White Background



This preview shows how the Yxy color 37.7640, 0.3078, 0.2941 looks on a white background.

Color Contrast Check

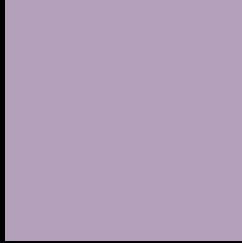
Large Text (above 18pt) WCAG AA × Fail

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 37.7640, 0.3078, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

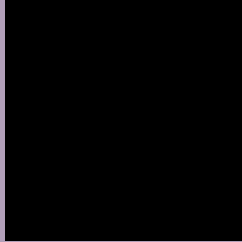
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7640, 0.3078, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 37.7640, 0.3078, 0.2941.



This preview shows how white text looks on a background with the Yxy color 37.7640, 0.3078, 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

37.7640, 0.3078, 0.2941

Protanopia

37.7588, 0.2901, 0.2956

Deuteranopia

37.7632, 0.3022, 0.2963



Tritanopia

37.7758, 0.3154, 0.3112

Trichromacy



Original Color

37.7640, 0.3078, 0.2941

Protanomaly

37.6440, 0.2961, 0.2947

Deuteranomaly

37.6431, 0.3041, 0.2951

Tritanomaly

37.7031, 0.3129, 0.3046

Monochromacy



Original Color

37.7640, 0.3078, 0.2941

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7369, 0.3114, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7640, 0.3078, 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(178, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 185)  
}
```

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(178, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.7640, 0.3078, 0.2941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

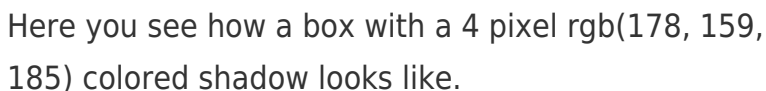
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 159, 185) }
```

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

```
.border{ border-color:rgb(178, 159, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 159, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 159, 185); box-shadow:4px 4px 4px 4px rgb(178, 159, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7640, 0.3078, 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(178, 159, 185) }
```

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

```
.background{ background-color: rgb(178,  
159, 185) }
```

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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