

Converting Colors

Yxy(37.9044, 0.2840, 0.2615)

Have a look what the booklet for
Yxy(37.9044, 0.2840, 0.2615)
contains.

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Color

Yxy(37.7658, 0.2838, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	AE9DD2
RGB	174, 157, 210
RGB Percent	68%, 62%, 82%
CMY	0.3173, 0.3844, 0.1764
CMYK	0.17, 0.25, 0.00, 0.18
HSL	259°, 37%, 72%
HSV	259°, 25%, 82%
XYZ	41.1595, 37.7658, 66.1047
YIQ	168.1250, -6.8810, 20.0870

Conversions

Conversions Part 2

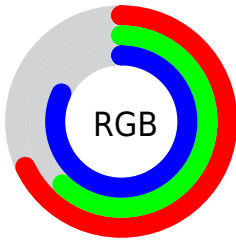
Format	Color
RYB	174, 157, 210
Decimal	11443666
CIELab	67.85, 16.87, -24.79
CIELCh	68, 29.981, 304.237
Yxy	37.7658, 0.2838, 0.2604
Android (android.graphics.Color)	4289633746 (0xFFAE9DD2)
YUV	168.1250, 20.6444, 5.1524
Hunter-Lab	61.4539, 12.0083, -20.7593

Details

The Yxy color **37.7658, 0.2838, 0.2604** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.8627, 0.3369, 0.3946**, and the grayscale version is **39.1267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1300, 0.2972, 0.2848**, and **16.7396, 0.2750, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **29.7128, 0.2695, 0.2295**, and if you desaturate by 10%, it is **47.2165, 0.2965, 0.2894**.

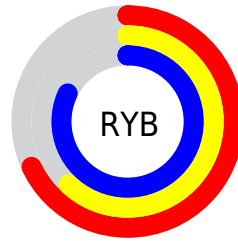
Distribution



Red (68%)

Green (62%)

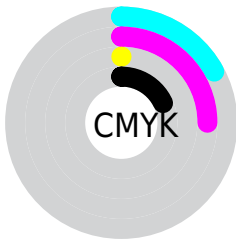
Blue (82%)



Red (68%)

Yellow (62%)

Blue (82%)

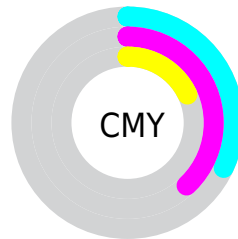


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (38%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7658, 0.2838, 0.2604 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 37.7658, 0.2838, 0.2604 by changing the saturation by 10% instead.

 37.7658, 0.2838,
0.2604


 37.7658, 0.2838,
0.2604

336.6142, 0.2990,
0.2943

 25.8010, 0.2798,
0.2521


 71.7490, 0.2895,
0.2726

 16.6748, 0.2745,
0.2416


 94.5362, 0.2916,
0.2772

 10.0029, 0.2674,
0.2279


121.6996, 0.2933,
0.2811

 5.4009, 0.2571,
0.2093

153.6237, 0.2948,
0.2845

 2.4843, 0.2413,
0.1829

190.6928, 0.2961,
0.2874

 0.8688, 0.2147,
0.1432

233.2913, 0.2972,

 0.0000, 0.1057,

0.2900

0.0000

281.8037, 0.2982,
0.2923

0.0000, 0.0000,
0.0000

37.7658, 0.2838,
0.2604

37.7658, 0.2838,
0.2604

29.7128, 0.2695,
0.2295

47.2165, 0.2965,
0.2894

22.9849, 0.2539,
0.1975

58.1234, 0.3075,
0.3161

17.5102, 0.2372,
0.1658

70.5473, 0.3170,
0.3401

13.2075, 0.2204,
0.1362

84.5440, 0.3251,
0.3615

9.9860, 0.2041,
0.1105

95.6283, 0.3329,
0.3740

■ 7.7408, 0.1895,
0.0905

■ 97.4341, 0.3394,
0.3730

■ 6.3445, 0.1772,
0.0770

■ 5.8726, 0.1723,
0.0723

Harmonies

Analogous

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



37.7658, 0.2494, 0.2576



37.7658, 0.2838, 0.2604



37.7658, 0.3286, 0.2785

Triad

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



37.7658, 0.2838, 0.2604



37.7658, 0.4000, 0.3784



37.7658, 0.2553, 0.3480

Complementary

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



37.7658, 0.2838, 0.2604



59.8627, 0.3369, 0.3946

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.



37.7658, 0.2926, 0.3886



37.7658, 0.2838, 0.2604



37.7658, 0.3768, 0.4038

Square

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



37.7658, 0.2838, 0.2604



37.7658, 0.3985, 0.3436



37.7658, 0.3371, 0.4094



37.7658, 0.2339, 0.3045

Rectangle

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



37.7658, 0.2838, 0.2604



37.7658, 0.3584, 0.2973



37.7658, 0.3371, 0.4094



37.7658, 0.2663, 0.3628

Sweetspot

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



37.7674, 0.2838, 0.2604



85.1398, 0.3046, 0.3088



50.0579, 0.2739, 0.3071



17.6620, 0.3029, 0.3048



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.



37.7674, 0.2838, 0.2604



51.9795, 0.2767, 0.2449



41.0798, 0.3069, 0.2649



11.6000, 0.3031, 0.3053



3.6298, 0.1737, 0.0730



0.2454, 0.1943, 0.0844

Inverse Universe

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



41.6568, 0.3309, 0.2857



59.0323, 0.3355, 0.2767



56.7189, 0.3165, 0.3989



11.9415, 0.3186, 0.3134



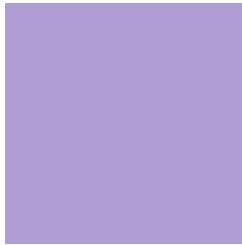
9.5737, 0.4223, 0.2100



0.5495, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 37.7658, 0.2838, 0.2604 looks on a white background.

Color Contrast Check

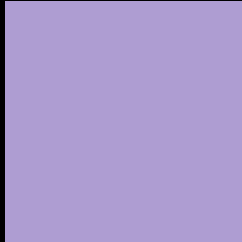
Large Text (above 18pt) WCAG AA × Fail

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 37.7658, 0.2838, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

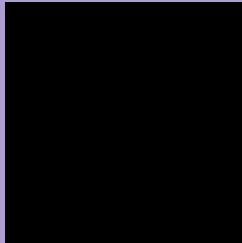
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7658, 0.2838, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 37.7658, 0.2838, 0.2604.



This preview shows how white text looks on a background with the Yxy color 37.7658, 0.2838, 0.2604.

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

37.7658, 0.2838, 0.2604

Protanopia

37.7761, 0.2630, 0.2594

Deuteranopia

37.8150, 0.2725, 0.2661



Tritanopia

37.6538, 0.3062, 0.3109

Trichromacy



Original Color

37.7658, 0.2838, 0.2604

Protanomaly

37.7674, 0.2703, 0.2601

Deuteranomaly

37.6376, 0.2763, 0.2641

Tritanomaly

37.6666, 0.2979, 0.2922

Monochromacy



Original Color

37.7658, 0.2838, 0.2604

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5159, 0.3021, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7658, 0.2838, 0.2604 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(174, 157, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 157, 210)  
}
```

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(174, 157, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 157, 210) }
```

Border

The CSS property to change the border of an element to Yxy 37.7658, 0.2838, 0.2604 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(174, 157, 210) }
```

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

```
.border{ border-color:rgb(174, 157, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 157, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 157, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 157, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 157,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7658, 0.2838, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 157, 210) }
```

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

```
.background{ background-color: rgb(174,  
157, 210) }
```

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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