

Converting Colors

$Y_{xy}(37.1935, 0.3056, 0.2804)$

Have a look what the booklet for
Yxy(37.1935, 0.3056, 0.2804)
contains.

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Color

Yxy(37.1935, 0.3056, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	B69BC0
RGB	182, 155, 192
RGB Percent	71%, 61%, 75%
CMY	0.2861, 0.3922, 0.2470
CMYK	0.05, 0.19, 0.00, 0.25
HSL	284°, 23%, 68%
HSV	284°, 19%, 75%
XYZ	40.5361, 37.1935, 54.9148
YIQ	167.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

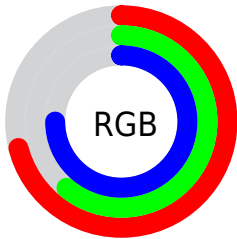
Format	Color
RYB	182, 155, 192
Decimal	11967424
CIELab	67.42, 16.78, -15.37
CIElCh	67, 22.757, 317.521
Yxy	37.1935, 0.3056, 0.2804
Android (android.graphics.Color)	4290157504 (0xFFB69BC0)
YUV	167.2910, 12.1815, 12.8998
Hunter-Lab	60.9865, 11.9180, -10.6967

Details

The Yxy color **37.1935, 0.3056, 0.2804** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0612, 0.3184, 0.3800**, and the grayscale version is **38.7338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0476, 0.3073, 0.2902**, and **16.4027, 0.3037, 0.2679** is the 20% darker color. If you saturate the color by 10%, you get **30.6876, 0.3009, 0.2537**, and if you desaturate by 10%, it is **44.7419, 0.3096, 0.3062**.

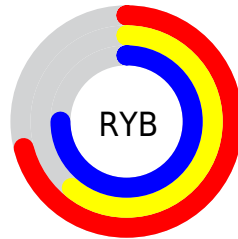
Distribution



Red (71%)

Green (61%)

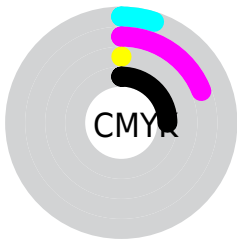
Blue (75%)



Red (71%)

Yellow (61%)

Blue (75%)

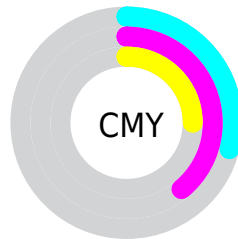


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1935, 0.3056, 0.2804 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 37.1935, 0.3056, 0.2804 by changing the saturation by 10% instead.


 37.1935, 0.3056,
0.2804


 37.1935, 0.3056,
0.2804


334.1475, 0.3096,
0.3047

 25.3573, 0.3045,
0.2743


 70.8703, 0.3072,
0.2892

 16.3435, 0.3029,
0.2665


 93.4797, 0.3077,
0.2926

 9.7675, 0.3007,
0.2562


120.4490, 0.3082,
0.2954

 5.2451, 0.2973,
0.2418

152.1626, 0.3085,
0.2978

 2.3918, 0.2917,
0.2205

189.0048, 0.3089,
0.2999

 0.8217, 0.2807,
0.1858

231.3601, 0.3092,

 0.0000, 0.1535,

0.3017

0.0000

279.6129, 0.3094,
0.3033

0.0000, 0.0000,
0.0000

37.1935, 0.3056,
0.2804

37.1935, 0.3056,
0.2804

30.6876, 0.3009,
0.2537

44.7419, 0.3096,
0.3062

25.1713, 0.2954,
0.2269

53.3730, 0.3129,
0.3307

20.5940, 0.2893,
0.2008

63.1307, 0.3157,
0.3535

16.8991, 0.2826,
0.1767

74.0551, 0.3178,
0.3745

14.0232, 0.2755,
0.1556

86.1842, 0.3196,
0.3936

■ 11.8948, 0.2683,
0.1385

■ 89.4770, 0.3225,
0.3968

■ 10.4293, 0.2611,
0.1260

■ 90.2617, 0.3258,
0.3961

■ 9.4760, 0.2541,
0.1176

■ 91.0712, 0.3291,
0.3954

■ 9.4136, 0.2536,
0.1171

■ 91.9058, 0.3325,
0.3947

Harmonies

Analogous

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



37.1935, 0.2744, 0.2728



37.1935, 0.3056, 0.2804



37.1935, 0.3404, 0.2992

Triad

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



37.1935, 0.3056, 0.2804



37.1935, 0.3738, 0.3776



37.1935, 0.2594, 0.3289

Complementary

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



37.1935, 0.3056, 0.2804



48.0612, 0.3184, 0.3800

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.



37.1935, 0.2838, 0.3615



37.1935, 0.3056, 0.2804



37.1935, 0.3499, 0.3900

Square

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



37.1935, 0.3056, 0.2804



37.1935, 0.3810, 0.3536



37.1935, 0.3168, 0.3847



37.1935, 0.2489, 0.2985

Rectangle

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



37.1935, 0.3056, 0.2804



37.1935, 0.3606, 0.3161



37.1935, 0.3168, 0.3847



37.1935, 0.2661, 0.3401

Sweetspot

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



37.1951, 0.3056, 0.2804



85.8276, 0.3107, 0.3142



37.8550, 0.2820, 0.2919



18.1985, 0.3105, 0.3126



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



37.1951, 0.3056, 0.2804



62.3486, 0.3038, 0.2696



38.1052, 0.3222, 0.2916



10.1069, 0.3096, 0.3060



6.3737, 0.2544, 0.1175



0.3077, 0.2699, 0.1261

Inverse Universe

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



37.3596, 0.3403, 0.3159



62.7390, 0.3477, 0.3130



47.3137, 0.3045, 0.3696



10.1214, 0.3248, 0.3228



7.7167, 0.5844, 0.2993



0.3454, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 37.1935, 0.3056, 0.2804 looks on a white background.

Color Contrast Check

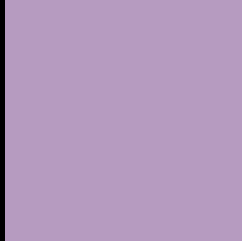
Large Text (above 18pt) WCAG AA × Fail

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 37.1935, 0.3056, 0.2804 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 37.1935, 0.3056, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 37.1935, 0.3056, 0.2804.



This preview shows how white text looks on a background with the Yxy color 37.1935, 0.3056, 0.2804.

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

37.1935, 0.3056, 0.2804

Protanopia

37.3937, 0.2797, 0.2821

Deuteranopia

37.1187, 0.2928, 0.2867



Tritanopia

37.3203, 0.3212, 0.3126

Trichromacy



Original Color

37.1935, 0.3056, 0.2804

Protanomaly

37.1887, 0.2887, 0.2814

Deuteranomaly

36.9860, 0.2972, 0.2845

Tritanomaly

37.4117, 0.3150, 0.3007

Monochromacy



Original Color

37.1935, 0.3056, 0.2804

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0996, 0.3098, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1935, 0.3056, 0.2804 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(182, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 192)  
}
```

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(182, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 192) }
```

Border

The CSS property to change the border of an element to Yxy 37.1935, 0.3056, 0.2804 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(182, 155, 192) }
```

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

```
.border{ border-color:rgb(182, 155, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 155, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1935, 0.3056, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 192) }
```

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

```
.background{ background-color: rgb(182,  
155, 192) }
```

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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