

Converting Colors

$Y_{xy}(37.2211, 0.3089, 0.2840)$

Have a look what the booklet for
Yxy(37.2211, 0.3089, 0.2840)
contains.

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Color

Yxy(37.1841, 0.3091, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	B79BBD
RGB	183, 155, 189
RGB Percent	72%, 61%, 74%
CMY	0.2825, 0.3921, 0.2589
CMYK	0.03, 0.18, 0.00, 0.26
HSL	289°, 20%, 67%
HSV	289°, 18%, 74%
XYZ	40.4277, 37.1841, 53.1799
YIQ	167.2480, 5.7740, 16.5100

Conversions

Conversions Part 2

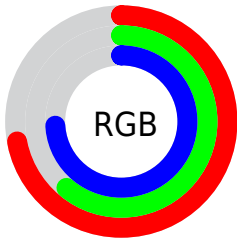
Format	Color
RYB	183, 155, 189
Decimal	12032957
CIELab	67.41, 16.48, -13.69
CIElCh	67, 21.420, 320.290
Yxy	37.1841, 0.3091, 0.2843
Android (android.graphics.Color)	4290223037 (0xFFB79BBD)
YUV	167.2480, 10.7237, 13.8145
Hunter-Lab	60.9788, 11.6292, -9.0220

Details

The Yxy color **37.1841, 0.3091, 0.2843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3351, 0.3154, 0.3765**, and the grayscale version is **38.7145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0365, 0.3100, 0.2932**, and **16.4240, 0.3074, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **30.9737, 0.3064, 0.2584**, and if you desaturate by 10%, it is **44.3919, 0.3113, 0.3096**.

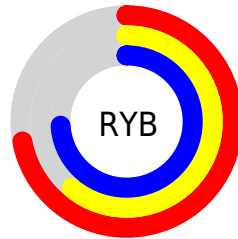
Distribution



Red (72%)

Green (61%)

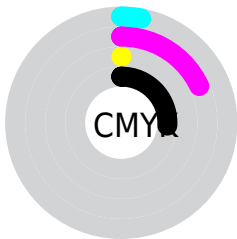
Blue (74%)



Red (72%)

Yellow (61%)

Blue (74%)

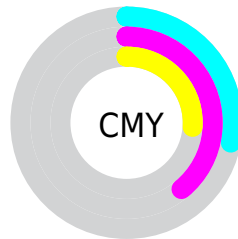


Cyan (3%)

Magenta (18%)

Yellow (0%)

Black (26%)



Cyan (28%)


Magenta (39%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1841, 0.3091, 0.2843 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 37.1841, 0.3091, 0.2843 by changing the saturation by 10% instead.


 37.1841, 0.3091,
0.2843


 37.1841, 0.3091,
0.2843


334.1069, 0.3113,
0.3067

 25.3501, 0.3084,
0.2787


 70.8558, 0.3100,
0.2925

 16.3381, 0.3075,
0.2714


 93.4623, 0.3103,
0.2955

 9.7637, 0.3062,
0.2618


120.4284, 0.3105,
0.2981

 5.2426, 0.3041,
0.2484

152.1385, 0.3107,
0.3003

 2.3903, 0.3004,
0.2284

188.9770, 0.3109,
0.3023

 0.8209, 0.2929,
0.1954

231.3283, 0.3110,

 0.0000, 0.1680,

0.3039

0.0000

279.5768, 0.3112,
0.3054

0.0000, 0.0000,
0.0000

37.1841, 0.3091,
0.2843

37.1841, 0.3091,
0.2843

30.9737, 0.3064,
0.2584

44.3919, 0.3113,
0.3096

25.7102, 0.3033,
0.2325

52.6351, 0.3130,
0.3338

21.3458, 0.2997,
0.2077

61.9554, 0.3144,
0.3564

17.8268, 0.2956,
0.1849

72.3911, 0.3154,
0.3774

15.0935, 0.2912,
0.1652

83.9782, 0.3162,
0.3966

■ 13.0783, 0.2867,
0.1495

■ 87.8962, 0.3179,
0.4015

■ 11.7025, 0.2820,
0.1381

■ 88.3712, 0.3200,
0.4010

■ 10.8445, 0.2773,
0.1309

■ 88.8564, 0.3221,
0.4006

■ 10.6937, 0.2764,
0.1296

■ 89.3519, 0.3242,
0.4001

Harmonies

Analogous

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



37.1841, 0.2790, 0.2761



37.1841, 0.3091, 0.2843



37.1841, 0.3417, 0.3029

Triad

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



37.1841, 0.3091, 0.2843



37.1841, 0.3688, 0.3766



37.1841, 0.2609, 0.3261

Complementary

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



37.1841, 0.3091, 0.2843



46.3351, 0.3154, 0.3765

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.



37.1841, 0.2829, 0.3570



37.1841, 0.3091, 0.2843



37.1841, 0.3452, 0.3867

Square

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



37.1841, 0.3091, 0.2843



37.1841, 0.3772, 0.3547



37.1841, 0.3137, 0.3799



37.1841, 0.2523, 0.2982

Rectangle

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



37.1841, 0.3091, 0.2843



37.1841, 0.3600, 0.3193



37.1841, 0.3137, 0.3799



37.1841, 0.2669, 0.3366

Sweetspot

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



37.1857, 0.3091, 0.2843



83.5988, 0.3118, 0.3168



36.2193, 0.2840, 0.2898



17.7615, 0.3117, 0.3150



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.



37.1857, 0.3091, 0.2843



61.5248, 0.3080, 0.2730



37.4889, 0.3246, 0.2985



9.6085, 0.3110, 0.3062



7.2264, 0.2770, 0.1300



0.3058, 0.2881, 0.1361

Inverse Universe

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



36.8398, 0.3411, 0.3210



60.8063, 0.3498, 0.3189



46.1028, 0.3025, 0.3616



9.5632, 0.3261, 0.3250



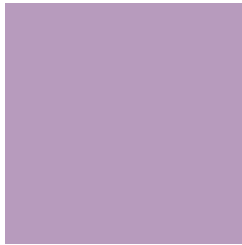
7.3630, 0.6109, 0.3139



0.2970, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 37.1841, 0.3091, 0.2843 looks on a white background.

Color Contrast Check

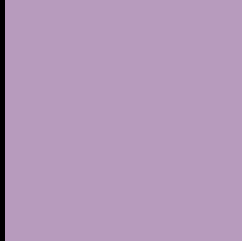
Large Text (above 18pt) WCAG AA × Fail

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 37.1841, 0.3091, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

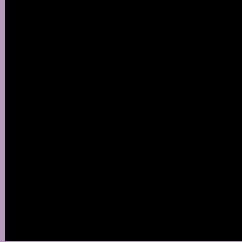
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1841, 0.3091, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 37.1841, 0.3091, 0.2843.



This preview shows how white text looks on a background with the Yxy color 37.1841, 0.3091, 0.2843.

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

37.1841, 0.3091, 0.2843

Protanopia

37.3585, 0.2828, 0.2861

Deuteranopia

37.2075, 0.2970, 0.2907



Tritanopia

37.0973, 0.3223, 0.3113

Trichromacy



Original Color

37.1841, 0.3091, 0.2843

Protanomaly

37.1629, 0.2920, 0.2854

Deuteranomaly

37.0832, 0.3015, 0.2885

Tritanomaly

37.1521, 0.3169, 0.3008

Monochromacy



Original Color

37.1841, 0.3091, 0.2843

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1738, 0.3116, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1841, 0.3091, 0.2843 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(183, 155, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 155, 189)  
}
```

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(183, 155, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 155, 189) }
```

Border

The CSS property to change the border of an element to Yxy 37.1841, 0.3091, 0.2843 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(183, 155, 189) }
```

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

```
.border{ border-color:rgb(183, 155, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 155, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 155, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 155, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 155,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1841, 0.3091, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 155, 189) }
```

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

```
.background{ background-color: rgb(183,  
155, 189) }
```

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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