

Converting Colors

$Y_{xy}(38.0337, 0.3372, 0.2764)$

Have a look what the booklet for
Yxy(38.0337, 0.3372, 0.2764)
contains.

Yxy(38.0808, 0.3370, 0.2770)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.0808, 0.3370, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	D392BD
RGB	211, 146, 189
RGB Percent	83%, 57%, 74%
CMY	0.1726, 0.4274, 0.2587
CMYK	0.00, 0.31, 0.10, 0.17
HSL	320°, 42%, 70%
HSV	320°, 31%, 83%
XYZ	46.3293, 38.0808, 53.0657
YIQ	170.3370, 24.9370, 27.1530

Conversions

Conversions Part 2

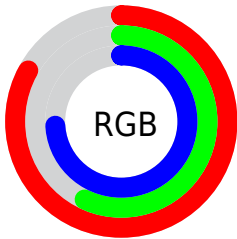
Format	Color
R_{YB}	211, 146, 189
Decimal	13865661
CIE _{Lab}	68.08, 31.08, -12.43
CIE _{LCh}	68, 33.475, 338.211
Yxy	38.0808, 0.3370, 0.2770
Android (android.graphics.Color)	4292055741 (0xFFD392BD)
YUV	170.3370, 9.2009, 35.6615
Hunter-Lab	61.7096, 26.0194, -7.7882

Details

The Yxy color **38.0808, 0.3370, 0.2770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5247, 0.2947, 0.3876**, and the grayscale version is **40.3205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6259, 0.3223, 0.2854**, and **16.7515, 0.3427, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **31.8643, 0.3477, 0.2599**, and if you desaturate by 10%, it is **45.5165, 0.3278, 0.2944**.

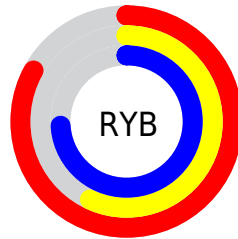
Distribution



Red (83%)

Green (57%)

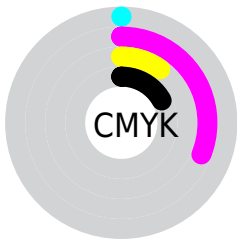
Blue (74%)



Red (83%)

Yellow (57%)

Blue (74%)

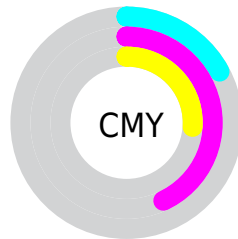


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (17%)



Cyan (17%)


Magenta (43%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0808, 0.3370, 0.2770 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 38.0808, 0.3370, 0.2770 by changing the saturation by 10% instead.


 38.0808, 0.3370,
0.2770


 38.0808, 0.3370,
0.2770


337.9665, 0.3250,
0.3027

 26.0454, 0.3400,
0.2707


 72.2320, 0.3327,
0.2863

 16.8576, 0.3437,
0.2626


 95.1165, 0.3310,
0.2898

 10.1330, 0.3487,
0.2520


122.3863, 0.3296,
0.2928

 5.4872, 0.3555,
0.2374

154.4256, 0.3285,
0.2953

 2.5359, 0.3654,
0.2161

191.6189, 0.3274,
0.2975

 0.8945, 0.3810,
0.1827

234.3505, 0.3265,


 0.0000, 0.4663,


0.2995

0.0000


283.0049, 0.3257,
0.3012


 0.0000, 0.0000,
0.0000


 38.0808, 0.3370,
0.2770


 38.0808, 0.3370,
0.2770


 31.8643, 0.3477,
0.2599


 45.5165, 0.3278,
0.2944


 26.7953, 0.3597,
0.2440


 54.2274, 0.3199,
0.3114

 22.8030, 0.3731,
0.2301


 64.2725, 0.3132,
0.3277


 19.8061, 0.3874,
0.2195


 75.7052, 0.3076,
0.3431

 17.7120, 0.4022,
0.2132

 88.5764, 0.3029,
0.3575

 16.4103, 0.4171,
0.2118

 91.1847, 0.2990,
0.3533

 15.7320, 0.4304,
0.2145

 91.5980, 0.2951,
0.3457

 92.0279, 0.2913,
0.3382

 92.4747, 0.2875,
0.3307

Harmonies

Analogous

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



38.0808, 0.2866, 0.2552



38.0808, 0.3370, 0.2770



38.0808, 0.3837, 0.3105

Triad

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



38.0808, 0.3370, 0.2770



38.0808, 0.3785, 0.4144



38.0808, 0.2241, 0.2956

Complementary

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



38.0808, 0.3370, 0.2770



55.5247, 0.2947, 0.3876

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.



38.0808, 0.2447, 0.3433



38.0808, 0.3370, 0.2770



38.0808, 0.3328, 0.4177

Square

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



38.0808, 0.3370, 0.2770



38.0808, 0.4077, 0.3877



38.0808, 0.2839, 0.3909



38.0808, 0.2249, 0.2627

Rectangle

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



38.0808, 0.3370, 0.2770



38.0808, 0.4045, 0.3365



38.0808, 0.2839, 0.3909



38.0808, 0.2286, 0.3103

Sweetspot

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



38.0825, 0.3370, 0.2770



85.7317, 0.3187, 0.3142



33.5504, 0.2767, 0.2435



17.8911, 0.3197, 0.3118



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.



38.0825, 0.3370, 0.2770



51.9608, 0.3439, 0.2657



36.8361, 0.3703, 0.3156



11.9383, 0.3189, 0.3137



9.5143, 0.4283, 0.2133



0.5465, 0.4037, 0.1998

Inverse Universe

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



38.0825, 0.3370, 0.2770



51.9608, 0.3439, 0.2657



56.8763, 0.2750, 0.3431



11.9383, 0.3189, 0.3137



9.5143, 0.4283, 0.2133



0.5465, 0.4037, 0.1998

Previews

White Background



This preview shows how the Yxy color 38.0808, 0.3370, 0.2770 looks on a white background.

Color Contrast Check

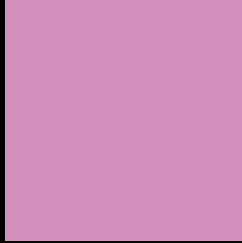
Large Text (above 18pt) WCAG AA × Fail

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 38.0808, 0.3370, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

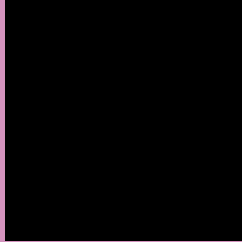
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0808, 0.3370, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 38.0808, 0.3370, 0.2770.



This preview shows how white text looks on a background with the Yxy color 38.0808, 0.3370, 0.2770.

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

38.0808, 0.3370, 0.2770

Protanopia

38.3964, 0.2778, 0.2799

Deuteranopia

38.2701, 0.3023, 0.2965



Tritanopia

38.1517, 0.3603, 0.3153

Trichromacy



Original Color

38.0808, 0.3370, 0.2770



Protanomaly

37.8320, 0.2968, 0.2776



Deuteranomaly

37.9296, 0.3146, 0.2886



Tritanomaly

38.0288, 0.3516, 0.3005

Monochromacy



Original Color

38.0808, 0.3370, 0.2770



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

38.9784, 0.3213, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0808, 0.3370, 0.2770 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(211, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(211, 146, 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(211, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 146, 189) }
```

Border

The CSS property to change the border of an element to Yxy 38.0808, 0.3370, 0.2770 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(211, 146, 189) }
```

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

```
.border{ border-color:rgb(211, 146, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 146, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(211, 146,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0808, 0.3370, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 146, 189) }
```

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

```
.background{ background-color: rgb(211,  
146, 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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