

Converting Colors

$Y_{xy}(36.6942, 0.33390, 0.2733)$

Have a look what the booklet for
Yxy(36.6942, 0.3390, 0.2733)
contains.

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Color

Yxy(36.8257, 0.3386, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	D38EBC
RGB	211, 142, 188
RGB Percent	83%, 56%, 74%
CMY	0.1724, 0.4432, 0.2626
CMYK	0.00, 0.33, 0.11, 0.17
HSL	320°, 44%, 69%
HSV	320°, 33%, 83%
XYZ	45.6245, 36.8257, 52.2944
YIQ	167.8750, 26.3580, 28.9340

Conversions

Conversions Part 2

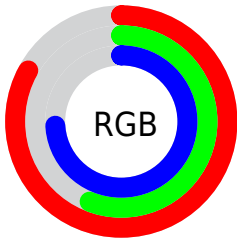
Format	Color
R _Y B	211, 142, 188
Decimal	13864636
CIE Lab	67.15, 33.10, -13.27
CIE LCh	67, 35.665, 338.156
Yxy	36.8257, 0.3386, 0.2733
Android (android.graphics.Color)	4292054716 (0xFFD38EBC)
YUV	167.8750, 9.9216, 37.8206
Hunter-Lab	60.6842, 28.0053, -8.6140

Details

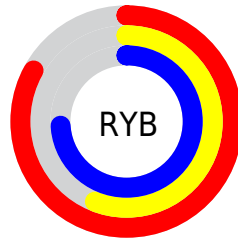
The Yxy color **36.8257, 0.3386, 0.2733** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.0741, 0.2938, 0.3923**, and the grayscale version is **39.0356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7242, 0.3233, 0.2824**, and **16.0302, 0.3450, 0.2567** is the 20% darker color. If you saturate the color by 10%, you get **30.8358, 0.3494, 0.2563**, and if you desaturate by 10%, it is **44.0225, 0.3292, 0.2908**.

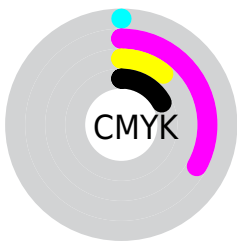
Distribution



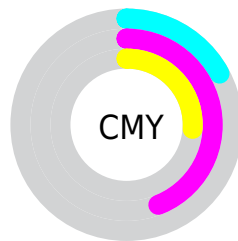
- Red (83%)
- Green (56%)
- Blue (74%)



- Red (83%)
- Yellow (56%)
- Blue (74%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (17%)




- Cyan (17%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8257, 0.3386, 0.2733 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 36.8257, 0.3386, 0.2733 by changing the saturation by 10% instead.


 36.8257, 0.3386,
0.2733


 36.8257, 0.3386,
0.2733


332.5553, 0.3258,
0.3009

 25.0726, 0.3418,
0.2665


 70.3046, 0.3340,
0.2833

 16.1311, 0.3458,
0.2578


 92.7992, 0.3322,
0.2870

 9.6170, 0.3511,
0.2464


119.6431, 0.3307,
0.2902

 5.1458, 0.3584,
0.2307

151.2206, 0.3295,
0.2930

 2.3330, 0.3690,
0.2078

187.9162, 0.3284,
0.2953

 0.7911, 0.3860,
0.1712

230.1142, 0.3274,

 0.0000, 0.4652,

0.2974

0.0000

278.1991, 0.3265,
0.2993

0.0000, 0.0000,
0.0000

36.8257, 0.3386,
0.2733

36.8257, 0.3386,
0.2733

30.8358, 0.3494,
0.2563

44.0225, 0.3292,
0.2908

25.9802, 0.3615,
0.2405

52.4834, 0.3212,
0.3080

22.1866, 0.3749,
0.2271

62.2679, 0.3144,
0.3246

19.3717, 0.3891,
0.2172

73.4303, 0.3087,
0.3403

17.4400, 0.4037,
0.2117

86.0218, 0.3039,
0.3550

■ 16.2766, 0.4181,
0.2112

■ 91.1006, 0.2999,
0.3550

■ 15.7692, 0.4285,
0.2134

■ 91.5043, 0.2960,
0.3475

■ 91.9241, 0.2923,
0.3400

■ 92.3603, 0.2885,
0.3327

Harmonies

Analogous

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



36.8257, 0.2844, 0.2501



36.8257, 0.3386, 0.2733



36.8257, 0.3892, 0.3089

Triad

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



36.8257, 0.3386, 0.2733



36.8257, 0.3832, 0.4207



36.8257, 0.2179, 0.2927

Complementary

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



36.8257, 0.3386, 0.2733



55.0741, 0.2938, 0.3923

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.



36.8257, 0.2397, 0.3443



36.8257, 0.3386, 0.2733



36.8257, 0.3340, 0.4251

Square

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



36.8257, 0.3386, 0.2733



36.8257, 0.4148, 0.3913



36.8257, 0.2815, 0.3962



36.8257, 0.2188, 0.2578

Rectangle

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



36.8257, 0.3386, 0.2733



36.8257, 0.4116, 0.3365



36.8257, 0.2815, 0.3962



36.8257, 0.2227, 0.3086

Sweetspot

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



36.8274, 0.3386, 0.2733



84.2604, 0.3193, 0.3124



31.9224, 0.2729, 0.2373



17.5981, 0.3203, 0.3100



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.



36.8274, 0.3386, 0.2733



50.1525, 0.3457, 0.2618



35.5500, 0.3740, 0.3133



11.9393, 0.3188, 0.3136



9.5324, 0.4264, 0.2123



0.5474, 0.4023, 0.1990

Inverse Universe

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



36.8274, 0.3386, 0.2733



50.1525, 0.3457, 0.2618



56.4524, 0.2736, 0.3456



11.9393, 0.3188, 0.3136



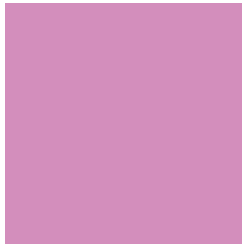
9.5324, 0.4264, 0.2123



0.5474, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 36.8257, 0.3386, 0.2733 looks on a white background.

Color Contrast Check

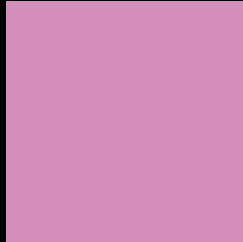
Large Text (above 18pt) WCAG AA × Fail

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 36.8257, 0.3386, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

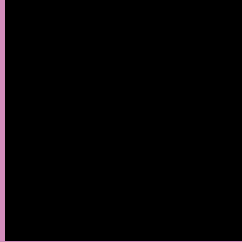
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8257, 0.3386, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 36.8257, 0.3386, 0.2733.



This preview shows how white text looks on a background with the Yxy color 36.8257, 0.3386, 0.2733.

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

36.8257, 0.3386, 0.2733

Protanopia

37.0735, 0.2743, 0.2741

Deuteranopia

37.1904, 0.3004, 0.2948



Tritanopia

36.6360, 0.3635, 0.3139

Trichromacy



Original Color

36.8257, 0.3386, 0.2733

Protanomaly

36.5879, 0.2949, 0.2733

Deuteranomaly

36.6419, 0.3138, 0.2856

Tritanomaly

36.5630, 0.3535, 0.2978

Monochromacy



Original Color

36.8257, 0.3386, 0.2733

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0818, 0.3223, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8257, 0.3386, 0.2733 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, 142, 188)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 188)  
}
```

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, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 188) }
```

Border

The CSS property to change the border of an element to Yxy 36.8257, 0.3386, 0.2733 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, 142, 188) }
```

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

```
.border{ border-color:rgb(211, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 188);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8257, 0.3386, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 142, 188) }
```

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

```
.background{ background-color: rgb(211,  
142, 188) }
```

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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