

Converting Colors

$Y_{xy}(37.3288, 0.3386, 0.2633)$

Have a look what the booklet for
Yxy(37.3288, 0.3386, 0.2633)
contains.

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Color

Yxy(37.3108, 0.3389, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	DA8BC3
RGB	218, 139, 195
RGB Percent	85%, 55%, 76%
CMY	0.1452, 0.4548, 0.2353
CMYK	0.00, 0.36, 0.11, 0.15
HSL	317°, 52%, 70%
HSV	317°, 36%, 85%
XYZ	47.9872, 37.3108, 56.2990
YIQ	169.0050, 29.1080, 34.1640

Conversions

Conversions Part 2

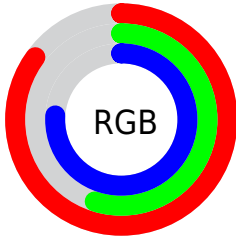
Format	Color
R _Y B	218, 139, 195
Decimal	14322627
CIE _{Lab}	67.51, 38.18, -16.54
CIE _{LCh}	68, 41.612, 336.574
Yxy	37.3108, 0.3389, 0.2635
Android (android.graphics.Color)	4292512707 (0xFFDA8BC3)
YUV	169.0050, 12.8155, 42.9686
Hunter-Lab	61.0826, 33.3373, -11.8890

Details

The Yxy color **37.3108, 0.3389, 0.2635** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.2227, 0.2940, 0.4053**, and the grayscale version is **39.6048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8718, 0.3177, 0.2720**, and **16.4209, 0.3466, 0.2462** is the 20% darker color. If you saturate the color by 10%, you get **31.3351, 0.3487, 0.2459**, and if you desaturate by 10%, it is **44.5604, 0.3302, 0.2819**.

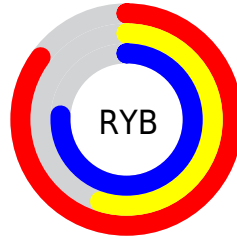
Distribution



Red (85%)

Green (55%)

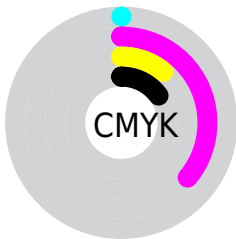
Blue (76%)



Red (85%)

Yellow (55%)

Blue (76%)

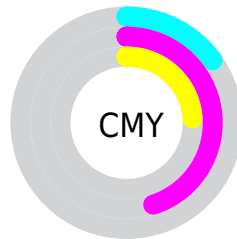


Cyan (0%)

Magenta (36%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3108, 0.3389, 0.2635 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 37.3108, 0.3389, 0.2635 by changing the saturation by 10% instead.


 37.3108, 0.3389,
0.2635


 37.3108, 0.3389,
0.2635


334.6542, 0.3262,
0.2956

 25.4482, 0.3419,
0.2557


 71.0505, 0.3344,
0.2750

 16.4113, 0.3458,
0.2459


 93.6965, 0.3327,
0.2793

 9.8157, 0.3507,
0.2331


 120.7057, 0.3312,
0.2831

 5.2769, 0.3574,
0.2157

152.4625, 0.3299,
0.2863

 2.4106, 0.3667,
0.1909

189.3514, 0.3288,
0.2890

 0.8314, 0.3805,
0.1532

231.7567, 0.3278,


 0.0000, 0.4390,


0.2915


0.0000

280.0628, 0.3270,
0.2936

 0.0000, 0.0000,
0.0000


 37.3108, 0.3389,
0.2635


 37.3108, 0.3389,
0.2635


 31.3351, 0.3487,
0.2459

 44.5604, 0.3302,
0.2819

 26.5528, 0.3596,
0.2300


 53.1480, 0.3227,
0.3003


 22.8824, 0.3713,
0.2170


 63.1392, 0.3162,
0.3183

 20.2297, 0.3836,
0.2078

 74.5940, 0.3108,
0.3354

 18.4851, 0.3959,
0.2033

 87.5689, 0.3062,
0.3514

 17.5111, 0.4079,
0.2036

 92.3054, 0.3025,
0.3517

 17.2508, 0.4124,
0.2045

 92.6745, 0.2990,
0.3450

 93.0567, 0.2955,
0.3384

 93.4523, 0.2921,
0.3319

Harmonies

Analogous

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



37.3108, 0.2765, 0.2382



37.3108, 0.3389, 0.2635



37.3108, 0.3989, 0.3029

Triad

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



37.3108, 0.3389, 0.2635



37.3108, 0.3957, 0.4333



37.3108, 0.2049, 0.2887

Complementary

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



37.3108, 0.3389, 0.2635



58.2227, 0.2940, 0.4053

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.



37.3108, 0.2305, 0.3497



37.3108, 0.3389, 0.2635



37.3108, 0.3395, 0.4424

Square

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



37.3108, 0.3389, 0.2635



37.3108, 0.4317, 0.3969



37.3108, 0.2790, 0.4109



37.3108, 0.2048, 0.2481

Rectangle

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



37.3108, 0.3389, 0.2635



37.3108, 0.4262, 0.3338



37.3108, 0.2790, 0.4109



37.3108, 0.2106, 0.3074

Sweetspot

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



37.3125, 0.3389, 0.2635



82.8763, 0.3192, 0.3096



31.1508, 0.2653, 0.2254



17.3250, 0.3201, 0.3071



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.



37.3125, 0.3389, 0.2635



46.9509, 0.3458, 0.2508



35.7773, 0.3806, 0.3084



13.2069, 0.3182, 0.3126



10.3587, 0.4107, 0.2036



0.6858, 0.3927, 0.1937

Inverse Universe

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



37.3125, 0.3389, 0.2635



46.9509, 0.3458, 0.2508



59.8247, 0.2714, 0.3512



13.2069, 0.3182, 0.3126



10.3587, 0.4107, 0.2036



0.6858, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 37.3108, 0.3389, 0.2635 looks on a white background.

Color Contrast Check

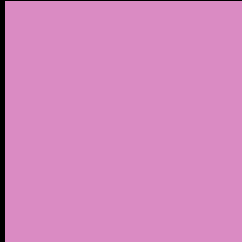
Large Text (above 18pt) WCAG AA × Fail

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 37.3108, 0.3389, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

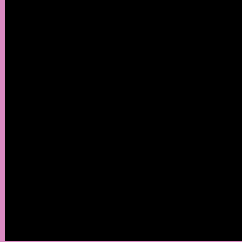
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3108, 0.3389, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 37.3108, 0.3389, 0.2635.



This preview shows how white text looks on a background with the Yxy color 37.3108, 0.3389, 0.2635.

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

37.3108, 0.3389, 0.2635

Protanopia

37.6233, 0.2651, 0.2629

Deuteranopia

37.5762, 0.2937, 0.2882



Tritanopia

37.1382, 0.3722, 0.3155

Trichromacy



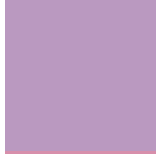
Original Color

37.3108, 0.3389, 0.2635



Protanomaly

36.7975, 0.2885, 0.2614



Deuteranomaly

37.0273, 0.3094, 0.2783



Tritanomaly

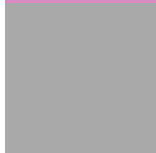
37.0323, 0.3601, 0.2950

Monochromacy



Original Color

37.3108, 0.3389, 0.2635



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.2329, 0.3226, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3108, 0.3389, 0.2635 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(218, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 195)  
}
```

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(218, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 195) }
```

Border

The CSS property to change the border of an element to Yxy 37.3108, 0.3389, 0.2635 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(218, 139, 195) }
```

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

```
.border{ border-color:rgb(218, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 139,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3108, 0.3389, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 195) }
```

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

```
.background{ background-color: rgb(218,  
139, 195) }
```

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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