

Converting Colors

$Y_{xy}(37.0657, 0.3409, 0.2615)$

Have a look what the booklet for
Yxy(37.0657, 0.3409, 0.2615)
contains.

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Color

Yxy(37.0471, 0.3412, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	DC89C3
RGB	220, 137, 195
RGB Percent	86%, 54%, 76%
CMY	0.1371, 0.4628, 0.2352
CMYK	0.00, 0.38, 0.11, 0.14
HSL	318°, 54%, 70%
HSV	318°, 38%, 86%
XYZ	48.3198, 37.0471, 56.2504
YIQ	168.4290, 30.8500, 35.6340

Conversions

Conversions Part 2

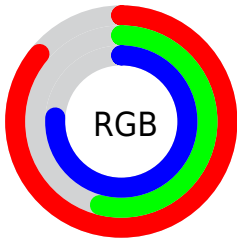
Format	Color
R _Y B	220, 137, 195
Decimal	14453187
CIE Lab	67.31, 39.95, -16.84
CIE LCh	67, 43.353, 337.147
Yxy	37.0471, 0.3412, 0.2616
Android (android.graphics.Color)	4292643267 (0xFFDC89C3)
YUV	168.4290, 13.0995, 45.2278
Hunter-Lab	60.8663, 35.1894, -12.1872

Details

The Yxy color **37.0471, 0.3412, 0.2616** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1265, 0.2928, 0.4080**, and the grayscale version is **39.3037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9875, 0.3178, 0.2700**, and **16.2066, 0.3484, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **31.1260, 0.3516, 0.2444**, and if you desaturate by 10%, it is **44.2603, 0.3320, 0.2797**.

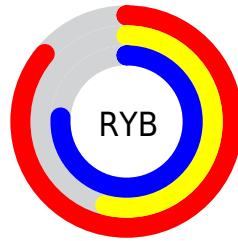
Distribution



Red (86%)

Green (54%)

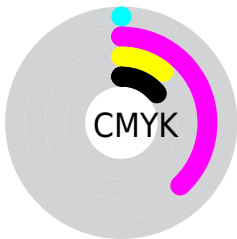
Blue (76%)



Red (86%)

Yellow (54%)

Blue (76%)

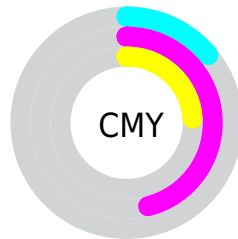


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (14%)



Cyan (14%)


Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0471, 0.3412, 0.2616 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 37.0471, 0.3412, 0.2616 by changing the saturation by 10% instead.


 37.0471, 0.3412,
0.2616


 37.0471, 0.3412,
0.2616


333.5144, 0.3273,
0.2946


 25.2440, 0.3445,
0.2536


 70.6452, 0.3363,
0.2734

 16.2589, 0.3487,
0.2435


 93.2090, 0.3344,
0.2779

 9.7075, 0.3542,
0.2304


 120.1284, 0.3328,
0.2817

 5.2055, 0.3615,
0.2126

151.7879, 0.3314,
0.2850

 2.3683, 0.3718,
0.1873

188.5719, 0.3302,
0.2879

 0.8095, 0.3871,
0.1488

230.8647, 0.3291,

 0.0000, 0.4480,

0.2904


0.0000


279.0507, 0.3282,
0.2926


 0.0000, 0.0000,
0.0000


 37.0471, 0.3412,
0.2616

 37.0471, 0.3412,
0.2616


 31.1260, 0.3516,
0.2444


 44.2603, 0.3320,
0.2797


 26.4136, 0.3630,
0.2291


 52.8321, 0.3241,
0.2979


 22.8250, 0.3753,
0.2167


 62.8304, 0.3173,
0.3158


 20.2616, 0.3881,
0.2084


 74.3174, 0.3115,
0.3328


 18.6080, 0.4010,
0.2048


 87.3512, 0.3066,
0.3487


 17.7041, 0.4135,
0.2061

 92.7250, 0.3027,
0.3498

 17.5461, 0.4163,
0.2067

 93.1146, 0.2991,
0.3429

 93.5185, 0.2955,
0.3360

 93.9371, 0.2919,
0.3293

Harmonies

Analogous

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



37.0471, 0.2760, 0.2351



37.0471, 0.3412, 0.2616



37.0471, 0.4038, 0.3025

Triad

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



37.0471, 0.3412, 0.2616



37.0471, 0.3979, 0.4381



37.0471, 0.2004, 0.2856

Complementary

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



37.0471, 0.3412, 0.2616



59.1265, 0.2928, 0.4080

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.



37.0471, 0.2263, 0.3491



37.0471, 0.3412, 0.2616



37.0471, 0.3390, 0.4476

Square

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



37.0471, 0.3412, 0.2616



37.0471, 0.4362, 0.4000



37.0471, 0.2761, 0.4139



37.0471, 0.2009, 0.2441

Rectangle

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



37.0471, 0.3412, 0.2616



37.0471, 0.4319, 0.3346



37.0471, 0.2761, 0.4139



37.0471, 0.2061, 0.3049

Sweetspot

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



37.0488, 0.3412, 0.2616



82.8588, 0.3194, 0.3099



30.7269, 0.2640, 0.2207



17.3209, 0.3203, 0.3074



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.



37.0488, 0.3412, 0.2616



45.2808, 0.3490, 0.2483



35.4270, 0.3863, 0.3092



13.2046, 0.3183, 0.3128



10.3153, 0.4145, 0.2057



0.6833, 0.3956, 0.1953

Inverse Universe

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



37.0488, 0.3412, 0.2616



45.2808, 0.3490, 0.2483



60.8502, 0.2692, 0.3504



13.2046, 0.3183, 0.3128



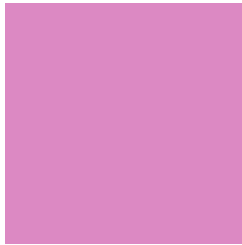
10.3153, 0.4145, 0.2057



0.6833, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 37.0471, 0.3412, 0.2616 looks on a white background.

Color Contrast Check

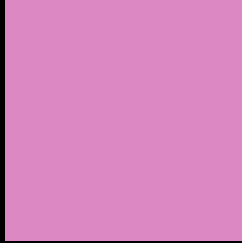
Large Text (above 18pt) WCAG AA × Fail

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 37.0471, 0.3412, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

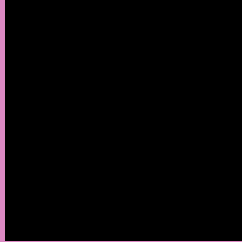
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0471, 0.3412, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 37.0471, 0.3412, 0.2616.



This preview shows how white text looks on a background with the Yxy color 37.0471, 0.3412, 0.2616.

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

37.0471, 0.3412, 0.2616

Protanopia

37.2241, 0.2635, 0.2602

Deuteranopia

37.1187, 0.2928, 0.2867



Tritanopia

37.0982, 0.3756, 0.3156

Trichromacy



Original Color

37.0471, 0.3412, 0.2616



Protanomaly

36.4688, 0.2884, 0.2601



Deuteranomaly

36.7013, 0.3094, 0.2770



Tritanomaly

37.0000, 0.3634, 0.2953

Monochromacy



Original Color

37.0471, 0.3412, 0.2616



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.8931, 0.3227, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0471, 0.3412, 0.2616 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(220, 137, 195)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 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(220, 137, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 195) }
```

Border

The CSS property to change the border of an element to Yxy 37.0471, 0.3412, 0.2616 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(220, 137, 195) }
```

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

```
.border{ border-color:rgb(220, 137, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 195);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0471, 0.3412, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 195) }
```

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

```
.background{ background-color: rgb(220,  
137, 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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