

Converting Colors

$Yxy(37.1804, 0.3307, 0.2644)$

Have a look what the booklet for
Yxy(37.1804, 0.3307, 0.2644)
contains.

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Color

Yxy(37.1804, 0.3307, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	D38EC4
RGB	211, 142, 196
RGB Percent	83%, 56%, 77%
CMY	0.1725, 0.4431, 0.2315
CMYK	0.00, 0.33, 0.07, 0.17
HSL	313°, 44%, 69%
HSV	313°, 33%, 83%
XYZ	46.5036, 37.1804, 56.9378
YIQ	168.7870, 23.7900, 31.4220

Conversions

Conversions Part 2

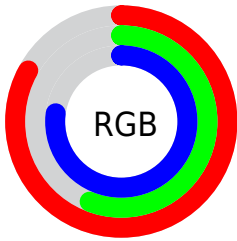
Format	Color
R _Y B	211, 142, 196
Decimal	13864644
CIE Lab	67.41, 34.46, -17.32
CIE LCh	67, 38.562, 333.318
Yxy	37.1804, 0.3307, 0.2644
Android (android.graphics.Color)	4292054724 (0xFFD38EC4)
YUV	168.7870, 13.4160, 37.0208
Hunter-Lab	60.9757, 29.4269, -12.6806

Details

The Yxy color **37.1804, 0.3307, 0.2644** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7863, 0.2988, 0.4038**, and the grayscale version is **39.4901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2844, 0.3168, 0.2740**, and **16.2339, 0.3349, 0.2465** is the 20% darker color. If you saturate the color by 10%, you get **31.2799, 0.3378, 0.2450**, and if you desaturate by 10%, it is **44.2793, 0.3243, 0.2845**.

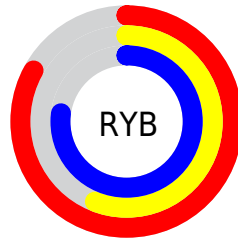
Distribution



Red (83%)

Green (56%)

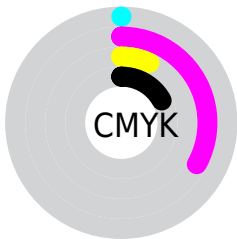
Blue (77%)



Red (83%)

Yellow (56%)

Blue (77%)

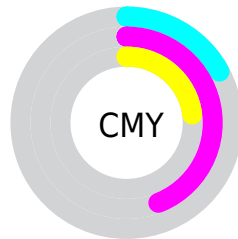


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (17%)



Cyan (17%)


Magenta (44%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.1804, 0.3307, 0.2644 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 37.1804, 0.3307, 0.2644 by changing the saturation by 10% instead.


 37.1804, 0.3307,
0.2644


 37.1804, 0.3307,
0.2644


334.0909, 0.3222,
0.2961

 25.3472, 0.3327,
0.2567


 70.8502, 0.3277,
0.2758

 16.3359, 0.3351,
0.2469


 93.4555, 0.3266,
0.2801

 9.7622, 0.3382,
0.2342


120.4203, 0.3256,
0.2837

 5.2416, 0.3423,
0.2169

152.1291, 0.3247,
0.2869

 2.3897, 0.3476,
0.1921

188.9661, 0.3240,
0.2897

 0.8206, 0.3546,
0.1543

231.3158, 0.3233,

 0.0000, 0.3876,

0.2921

0.0000

279.5626, 0.3227,
0.2942

0.0000, 0.0000,
0.0000

37.1804, 0.3307,
0.2644

37.1804, 0.3307,
0.2644

31.2799, 0.3378,
0.2450

44.2793, 0.3243,
0.2845

26.5054, 0.3457,
0.2270

52.6336, 0.3187,
0.3045

22.7847, 0.3540,
0.2117

62.3026, 0.3139,
0.3239


20.0347, 0.3627,
0.1999


73.3406, 0.3098,
0.3423

18.1602, 0.3714,
0.1924

85.7986, 0.3063,
0.3596

 17.0465, 0.3798,
0.1896

 90.7310, 0.3035,
0.3622

 16.5702, 0.3857,
0.1899

 90.9834, 0.3010,
0.3572

 91.2425, 0.2985,
0.3523

 91.5084, 0.2960,
0.3474

Harmonies

Analogous

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



37.1804, 0.2736, 0.2424



37.1804, 0.3307, 0.2644



37.1804, 0.3874, 0.3004

Triad

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



37.1804, 0.3307, 0.2644



37.1804, 0.3952, 0.4236



37.1804, 0.2133, 0.2975

Complementary

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



37.1804, 0.3307, 0.2644



54.7863, 0.2988, 0.4038

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.



37.1804, 0.2402, 0.3550



37.1804, 0.3307, 0.2644



37.1804, 0.3443, 0.4346

Square

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



37.1804, 0.3307, 0.2644



37.1804, 0.4253, 0.3886



37.1804, 0.2875, 0.4092



37.1804, 0.2105, 0.2568

Rectangle

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



37.1804, 0.3307, 0.2644



37.1804, 0.4148, 0.3292



37.1804, 0.2875, 0.4092



37.1804, 0.2197, 0.3155

Sweetspot

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



37.1821, 0.3307, 0.2644



84.4429, 0.3174, 0.3096



31.2128, 0.2669, 0.2358



17.6425, 0.3181, 0.3068



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.



37.1821, 0.3307, 0.2644



50.7881, 0.3354, 0.2512



35.7903, 0.3664, 0.3048



11.9631, 0.3171, 0.3110



10.0134, 0.3846, 0.1892



0.5711, 0.3706, 0.1815

Inverse Universe

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



37.1821, 0.3307, 0.2644



50.7881, 0.3354, 0.2512



56.1328, 0.2777, 0.3550



11.9631, 0.3171, 0.3110



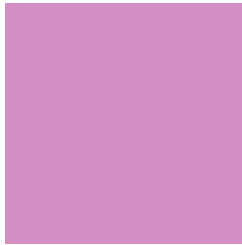
10.0134, 0.3846, 0.1892



0.5711, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 37.1804, 0.3307, 0.2644 looks on a white background.

Color Contrast Check

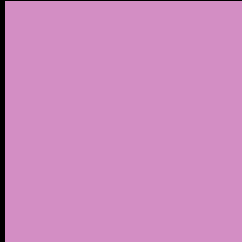
Large Text (above 18pt) WCAG AA × Fail

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 37.1804, 0.3307, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

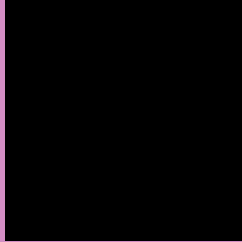
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1804, 0.3307, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 37.1804, 0.3307, 0.2644.



This preview shows how white text looks on a background with the Yxy color 37.1804, 0.3307, 0.2644.

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

37.1804, 0.3307, 0.2644

Protanopia

37.5229, 0.2664, 0.2653

Deuteranopia

37.5555, 0.2912, 0.2855



Tritanopia

37.2984, 0.3619, 0.3152

Trichromacy



Original Color

37.1804, 0.3307, 0.2644



Protanomaly

36.7347, 0.2867, 0.2634



Deuteranomaly

37.0735, 0.3048, 0.2768



Tritanomaly

36.9848, 0.3502, 0.2954

Monochromacy



Original Color

37.1804, 0.3307, 0.2644



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

38.2413, 0.3187, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1804, 0.3307, 0.2644 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 196) }
```

Border

The CSS property to change the border of an element to Yxy 37.1804, 0.3307, 0.2644 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, 196) }
```

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

```
.border{ border-color:rgb(211, 142, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1804, 0.3307, 0.2644 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, 196) }
```

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

```
.background{ background-color: rgb(211,  
142, 196) }
```

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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