

Converting Colors

$Yxy(37.6897, 0.3313, 0.2756)$

Have a look what the booklet for
Yxy(37.6897, 0.3313, 0.2756)
contains.

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Color

Yxy(37.8505, 0.3320, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	CF93BE
RGB	207, 147, 190
RGB Percent	81%, 58%, 75%
CMY	0.1882, 0.4235, 0.2549
CMYK	0.00, 0.29, 0.08, 0.19
HSL	317°, 38%, 69%
HSV	317°, 29%, 81%
XYZ	45.4644, 37.8505, 53.6261
YIQ	169.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

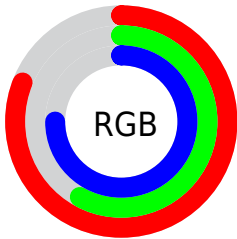
Format	Color
R _Y B	207, 147, 190
Decimal	13603774
CIE Lab	67.91, 29.35, -13.27
CIE LCh	68, 32.212, 335.671
Yxy	37.8505, 0.3320, 0.2764
Android (android.graphics.Color)	4291793854 (0xFFCF93BE)
YUV	169.8420, 9.9379, 32.5876
Hunter-Lab	61.5228, 24.2441, -8.6140

Details

The Yxy color **37.8505, 0.3320, 0.2764** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.5192, 0.2978, 0.3882**, and the grayscale version is **40.0584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1549, 0.3215, 0.2855**, and **16.6660, 0.3370, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **31.7315, 0.3407, 0.2580**, and if you desaturate by 10%, it is **45.1417, 0.3244, 0.2950**.

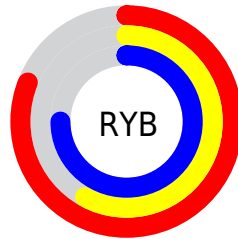
Distribution



Red (81%)

Green (58%)

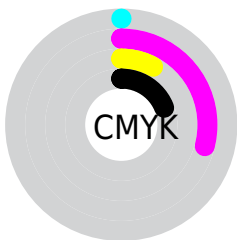
Blue (75%)



Red (81%)

Yellow (58%)

Blue (75%)

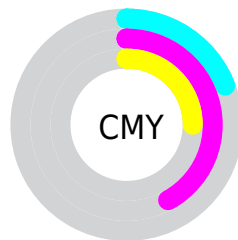


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (19%)



Cyan (19%)


Magenta (42%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8505, 0.3320, 0.2764 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 37.8505, 0.3320, 0.2764 by changing the saturation by 10% instead.


 37.8505, 0.3320,
0.2764


 37.8505, 0.3320,
0.2764


336.9782, 0.3226,
0.3024

 25.8667, 0.3343,
0.2700

 71.8789, 0.3286,
0.2858

 16.7239, 0.3372,
0.2618


 94.6923, 0.3273,
0.2893

 10.0379, 0.3410,
0.2511


121.8844, 0.3262,
0.2924

 5.4241, 0.3461,
0.2363

153.8395, 0.3253,
0.2949

 2.4982, 0.3534,
0.2147

190.9420, 0.3245,
0.2972

 0.8757, 0.3645,
0.1808

233.5764, 0.3238,

 0.0000, 0.4236,

0.2992


0.0000


282.1270, 0.3231,
0.3009


 0.0000, 0.0000,
0.0000

 37.8505, 0.3320,
0.2764

 37.8505, 0.3320,
0.2764


 31.7315, 0.3407,
0.2580

 45.1417, 0.3244,
0.2950


 26.7174, 0.3506,
0.2407

 53.6578, 0.3178,
0.3132

 22.7417, 0.3614,
0.2254

 63.4541, 0.3122,
0.3307

 19.7288, 0.3729,
0.2131

 74.5813, 0.3075,
0.3472

 17.5927, 0.3847,
0.2050

 87.0872, 0.3035,
0.3625

■ 16.2320, 0.3966,
0.2015

■ 90.2366, 0.3002,
0.3607

■ 15.4809, 0.4081,
0.2026

■ 90.5629, 0.2970,
0.3543

■ 15.4170, 0.4092,
0.2028

■ 90.9003, 0.2939,
0.3479

■ 91.2490, 0.2907,
0.3417

Harmonies

Analogous

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



37.8505, 0.2837, 0.2565



37.8505, 0.3320, 0.2764



37.8505, 0.3779, 0.3082

Triad

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



37.8505, 0.3320, 0.2764



37.8505, 0.3795, 0.4100



37.8505, 0.2279, 0.3004

Complementary

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



37.8505, 0.3320, 0.2764



53.5192, 0.2978, 0.3882

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.



37.8505, 0.2497, 0.3470



37.8505, 0.3320, 0.2764



37.8505, 0.3363, 0.4152

Square

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



37.8505, 0.3320, 0.2764



37.8505, 0.4057, 0.3831



37.8505, 0.2888, 0.3917



37.8505, 0.2269, 0.2670

Rectangle

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



37.8505, 0.3320, 0.2764



37.8505, 0.3992, 0.3332



37.8505, 0.2888, 0.3917



37.8505, 0.2329, 0.3150

Sweetspot

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



37.8522, 0.3320, 0.2764



85.8094, 0.3179, 0.3130



33.2647, 0.2766, 0.2486



17.9103, 0.3188, 0.3104



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.



37.8522, 0.3320, 0.2764



54.1378, 0.3375, 0.2645



36.6725, 0.3625, 0.3127



11.9495, 0.3180, 0.3125



9.7281, 0.4077, 0.2020



0.5572, 0.3882, 0.1912

Inverse Universe

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



37.8522, 0.3320, 0.2764



54.1378, 0.3375, 0.2645



54.7341, 0.2788, 0.3462



11.9495, 0.3180, 0.3125



9.7281, 0.4077, 0.2020



0.5572, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 37.8505, 0.3320, 0.2764 looks on a white background.

Color Contrast Check

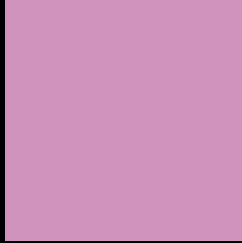
Large Text (above 18pt) WCAG AA × Fail

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 37.8505, 0.3320, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

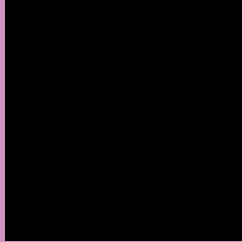
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8505, 0.3320, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 37.8505, 0.3320, 0.2764.



This preview shows how white text looks on a background with the Yxy color 37.8505, 0.3320, 0.2764.

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

37.8505, 0.3320, 0.2764

Protanopia

38.0843, 0.2769, 0.2773

Deuteranopia

37.8483, 0.3006, 0.2937



Tritanopia

37.9382, 0.3550, 0.3151

Trichromacy



Original Color

37.8505, 0.3320, 0.2764

Protanomaly

37.7610, 0.2950, 0.2763

Deuteranomaly

37.7221, 0.3118, 0.2871

Tritanomaly

37.8090, 0.3463, 0.3001

Monochromacy



Original Color

37.8505, 0.3320, 0.2764

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0823, 0.3193, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8505, 0.3320, 0.2764 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(207, 147, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 190)  
}
```

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(207, 147, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 190) }
```

Border

The CSS property to change the border of an element to Yxy 37.8505, 0.3320, 0.2764 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(207, 147, 190) }
```

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

```
.border{ border-color:rgb(207, 147, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 147, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8505, 0.3320, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 190) }
```

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

```
.background{ background-color: rgb(207,  
147, 190) }
```

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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