

Converting Colors

$Y_{xy}(37.9720, 0.3290, 0.2656)$

Have a look what the booklet for
Yxy(37.9720, 0.3290, 0.2656)
contains.

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Color

Yxy(37.8266, 0.3295, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	D390C5
RGB	211, 144, 197
RGB Percent	83%, 56%, 77%
CMY	0.1724, 0.4354, 0.2274
CMYK	0.00, 0.32, 0.07, 0.17
HSL	313°, 43%, 70%
HSV	313°, 32%, 83%
XYZ	46.9272, 37.8266, 57.6656
YIQ	170.0750, 22.9190, 30.6870

Conversions

Conversions Part 2

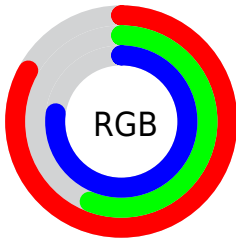
Format	Color
R_{YB}	211, 144, 197
Decimal	13865157
CIE _{Lab}	67.89, 33.58, -17.17
CIE _{LCh}	68, 37.713, 332.915
Yxy	37.8266, 0.3295, 0.2656
Android (android.graphics.Color)	4292055237 (0xFFD390C5)
YUV	170.0750, 13.2740, 35.8912
Hunter-Lab	61.5033, 28.5651, -12.5381

Details

The Yxy color **37.8266, 0.3295, 0.2656** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.0079, 0.2996, 0.4021**, and the grayscale version is **40.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2626, 0.3160, 0.2751**, and **16.6060, 0.3332, 0.2481** is the 20% darker color. If you saturate the color by 10%, you get **31.8235, 0.3363, 0.2459**, and if you desaturate by 10%, it is **45.0339, 0.3234, 0.2859**.

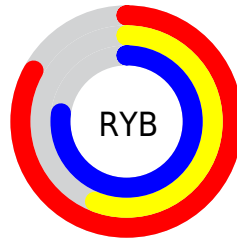
Distribution



Red (83%)

Green (56%)

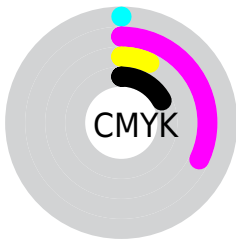
Blue (77%)



Red (83%)

Yellow (56%)

Blue (77%)

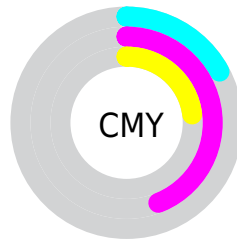


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (17%)



Cyan (17%)


Magenta (44%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8266, 0.3295, 0.2656 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 37.8266, 0.3295, 0.2656 by changing the saturation by 10% instead.


 37.8266, 0.3295,
0.2656


 37.8266, 0.3295,
0.2656


336.8755, 0.3216,
0.2967

 25.8481, 0.3313,
0.2581


 71.8423, 0.3267,
0.2767

 16.7101, 0.3336,
0.2485


 94.6483, 0.3257,
0.2810

 10.0280, 0.3364,
0.2361


121.8323, 0.3247,
0.2845

 5.4175, 0.3401,
0.2192

153.7786, 0.3239,
0.2876

 2.4943, 0.3449,
0.1951

190.8717, 0.3232,
0.2903

 0.8738, 0.3511,
0.1584

233.4960, 0.3226,

 0.0000, 0.3872,

0.2927

0.0000

282.0358, 0.3221,
0.2948

0.0000, 0.0000,
0.0000

37.8266, 0.3295,
0.2656

37.8266, 0.3295,
0.2656

31.8235, 0.3363,
0.2459

45.0339, 0.3234,
0.2859

26.9528, 0.3438,
0.2276

53.5019, 0.3181,
0.3061

23.1428, 0.3517,
0.2119


63.2898, 0.3135,
0.3256


20.3115, 0.3600,
0.1995

74.4513, 0.3095,
0.3442

18.3650, 0.3683,
0.1915


87.0372, 0.3062,
0.3615

 17.1908, 0.3763,
0.1881

 90.7305, 0.3036,
0.3623

 16.6430, 0.3827,
0.1882

 90.9723, 0.3011,
0.3575

 91.2205, 0.2987,
0.3528

 91.4749, 0.2963,
0.3480

Harmonies

Analogous

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



37.8266, 0.2740, 0.2443



37.8266, 0.3295, 0.2656



37.8266, 0.3847, 0.3007

Triad

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



37.8266, 0.3295, 0.2656



37.8266, 0.3937, 0.4209



37.8266, 0.2160, 0.2992

Complementary

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



37.8266, 0.3295, 0.2656



55.0079, 0.2996, 0.4021

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.



37.8266, 0.2427, 0.3551



37.8266, 0.3295, 0.2656



37.8266, 0.3444, 0.4316

Square

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



37.8266, 0.3295, 0.2656



37.8266, 0.4225, 0.3868



37.8266, 0.2890, 0.4074



37.8266, 0.2129, 0.2592

Rectangle

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



37.8266, 0.3295, 0.2656



37.8266, 0.4115, 0.3288



37.8266, 0.2890, 0.4074



37.8266, 0.2224, 0.3167

Sweetspot

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



37.8283, 0.3295, 0.2656



84.4571, 0.3173, 0.3094



31.8533, 0.2675, 0.2386



17.6459, 0.3180, 0.3066



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.



37.8283, 0.3295, 0.2656



51.7310, 0.3339, 0.2524



36.4799, 0.3631, 0.3041



11.9649, 0.3169, 0.3108



10.0544, 0.3816, 0.1876



0.5731, 0.3684, 0.1803

Inverse Universe

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



37.8283, 0.3295, 0.2656



51.7310, 0.3339, 0.2524



56.2976, 0.2792, 0.3557



11.9649, 0.3169, 0.3108



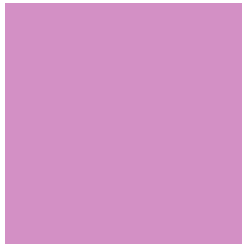
10.0544, 0.3816, 0.1876



0.5731, 0.3684, 0.1803

Previews

White Background



This preview shows how the Yxy color 37.8266, 0.3295, 0.2656 looks on a white background.

Color Contrast Check

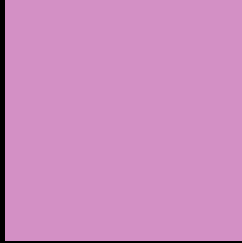
Large Text (above 18pt) WCAG AA × Fail

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 37.8266, 0.3295, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

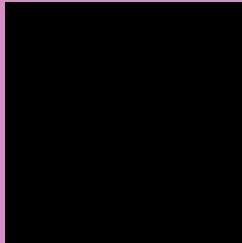
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8266, 0.3295, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 37.8266, 0.3295, 0.2656.



This preview shows how white text looks on a background with the Yxy color 37.8266, 0.3295, 0.2656.

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

37.8266, 0.3295, 0.2656

Protanopia

38.1241, 0.2674, 0.2658

Deuteranopia

38.0605, 0.2913, 0.2857



Tritanopia

38.0073, 0.3593, 0.3152

Trichromacy



Original Color

37.8266, 0.3295, 0.2656

Protanomaly

37.6841, 0.2877, 0.2652

Deuteranomaly

37.5732, 0.3048, 0.2771

Tritanomaly

37.6849, 0.3477, 0.2955

Monochromacy



Original Color

37.8266, 0.3295, 0.2656

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0993, 0.3186, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8266, 0.3295, 0.2656 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, 144, 197)` looks like.

```
.text, #text, p{  
    color:rgb(211, 144, 197)  
}
```

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, 144, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 144, 197) }
```

Border

The CSS property to change the border of an element to Yxy 37.8266, 0.3295, 0.2656 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, 144, 197) }
```

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

```
.border{ border-color:rgb(211, 144, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 144, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 144, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 144, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 144,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8266, 0.3295, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 144, 197) }
```

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

```
.background{ background-color: rgb(211,  
144, 197) }
```

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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