

Converting Colors

$Yxy(45.4147, 0.3262, 0.2926)$

Have a look what the booklet for
Yxy(45.4147, 0.3262, 0.2926)
contains.

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Color

Yxy(45.3703, 0.3261, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	D2A7C5
RGB	210, 167, 197
RGB Percent	82%, 65%, 77%
CMY	0.1767, 0.3450, 0.2275
CMYK	0.00, 0.20, 0.06, 0.18
HSL	318°, 32%, 74%
HSV	318°, 20%, 82%
XYZ	50.4613, 45.3703, 58.9102
YIQ	183.2770, 15.9980, 18.4460

Conversions

Conversions Part 2

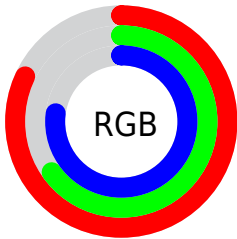
Format	Color
R _Y B	210, 167, 197
Decimal	13805509
CIE Lab	73.14, 20.66, -9.29
CIE LCh	73, 22.654, 335.794
Yxy	45.3703, 0.3261, 0.2932
Android (android.graphics.Color)	4291995589 (0xFFD2A7C5)
YUV	183.2770, 6.7654, 23.4361
Hunter-Lab	67.3575, 15.8489, -4.7042

Details

The Yxy color $45.3703, 0.3261, 0.2932$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.5790, 0.3015, 0.3677$, and the grayscale version is $47.4680, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6583, 0.3149, 0.2979$, and $21.2132, 0.3298, 0.2843$ is the 20% darker color. If you saturate the color by 10%, you get $38.0080, 0.3344, 0.2750$, and if you desaturate by 10%, it is $53.9976, 0.3190, 0.3111$.

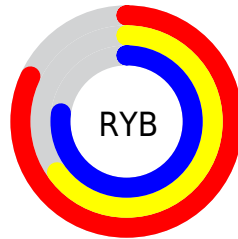
Distribution



Red (82%)

Green (65%)

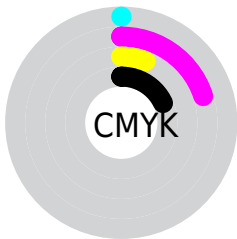
Blue (77%)



Red (82%)

Yellow (65%)

Blue (77%)

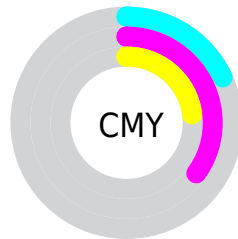


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (18%)



Cyan (18%)


Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3703, 0.3261, 0.2932 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 45.3703, 0.3261, 0.2932 by changing the saturation by 10% instead.


 45.3703, 0.3261,
0.2932


 45.3703, 0.3261,
0.2932


368.2712, 0.3196,
0.3107

 31.7492, 0.3277,
0.2890


 83.2758, 0.3238,
0.2994

 21.1700, 0.3296,
0.2836


 108.3290, 0.3229,
0.3018

 13.2483, 0.3322,
0.2766


137.9617, 0.3222,
0.3038

 7.5998, 0.3356,
0.2671

172.5583, 0.3215,
0.3056

 3.8399, 0.3405,
0.2533

212.5031, 0.3210,
0.3071

 1.5844, 0.3481,
0.2319

258.1806, 0.3205,

 0.3471, 0.3775,

0.3084

0.1570

309.9752, 0.3200,
0.3096

0.0000, 0.0000,
0.0000

45.3703, 0.3261,
0.2932

45.3703, 0.3261,
0.2932

38.0080, 0.3344,
0.2750

53.9976, 0.3190,
0.3111

31.8445, 0.3439,
0.2571

63.9400, 0.3130,
0.3283

26.8163, 0.3545,
0.2404

75.2525, 0.3079,
0.3445

22.8519, 0.3662,
0.2258

87.9850, 0.3036,
0.3596

19.8718, 0.3787,
0.2144

90.8530, 0.3001,
0.3567

■ 17.7848, 0.3916,
0.2072

■ 91.2131, 0.2966,
0.3499

■ 16.4828, 0.4044,
0.2049

■ 91.5862, 0.2932,
0.3431

■ 15.7854, 0.4163,
0.2067

■ 91.9726, 0.2898,
0.3365

■ 92.3723, 0.2865,
0.3299

Harmonies

Analogous

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



45.3703, 0.2939, 0.2793



45.3703, 0.3261, 0.2932



45.3703, 0.3559, 0.3156

Triad

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



45.3703, 0.3261, 0.2932



45.3703, 0.3577, 0.3831



45.3703, 0.2551, 0.3110

Complementary

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



45.3703, 0.3261, 0.2932



57.5790, 0.3015, 0.3677

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.



45.3703, 0.2705, 0.3412



45.3703, 0.3261, 0.2932



45.3703, 0.3292, 0.3848

Square

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



45.3703, 0.3261, 0.2932



45.3703, 0.3744, 0.3667



45.3703, 0.2973, 0.3692



45.3703, 0.2543, 0.2879

Rectangle

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



45.3703, 0.3261, 0.2932



45.3703, 0.3697, 0.3331



45.3703, 0.2973, 0.3692



45.3703, 0.2587, 0.3206

Sweetspot

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



45.3723, 0.3261, 0.2932



90.3296, 0.3162, 0.3187



41.9906, 0.2893, 0.2745



19.1189, 0.3166, 0.3176



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.



45.3723, 0.3261, 0.2932



64.6721, 0.3300, 0.2844



44.4612, 0.3453, 0.3186



11.9457, 0.3183, 0.3129



9.6532, 0.4146, 0.2058



0.5535, 0.3934, 0.1941

Inverse Universe

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



45.3723, 0.3261, 0.2932



64.6721, 0.3300, 0.2844



58.5182, 0.2877, 0.3397



11.9457, 0.3183, 0.3129



9.6532, 0.4146, 0.2058



0.5535, 0.3934, 0.1941

Previews

White Background



This preview shows how the Yxy color 45.3703, 0.3261, 0.2932 looks on a white background.

Color Contrast Check

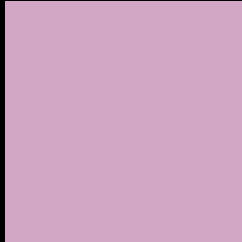
Large Text (above 18pt) WCAG AA × Fail

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 45.3703, 0.3261, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

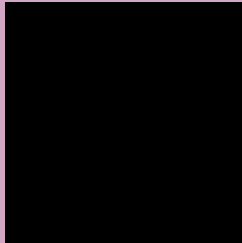
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3703, 0.3261, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 45.3703, 0.3261, 0.2932.



This preview shows how white text looks on a background with the Yxy color 45.3703, 0.3261, 0.2932.

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

45.3703, 0.3261, 0.2932

Protanopia

45.4305, 0.2910, 0.2956

Deuteranopia

45.5926, 0.3088, 0.3026



Tritanopia

45.2047, 0.3364, 0.3120

Trichromacy



Original Color

45.3703, 0.3261, 0.2932

Protanomaly

45.1805, 0.3031, 0.2950

Deuteranomaly

45.3609, 0.3150, 0.2993

Tritanomaly

45.1914, 0.3330, 0.3048

Monochromacy



Original Color

45.3703, 0.3261, 0.2932

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.4126, 0.3177, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3703, 0.3261, 0.2932 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(210, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 167, 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(210, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 167, 197) }
```

Border

The CSS property to change the border of an element to Yxy 45.3703, 0.3261, 0.2932 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(210, 167, 197) }
```

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

```
.border{ border-color:rgb(210, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 167,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3703, 0.3261, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 167, 197) }
```

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

```
.background{ background-color: rgb(210,  
167, 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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