

Converting Colors

$Yxy(35.3138, 0.3260, 0.2486)$

Have a look what the booklet for
Yxy(35.3138, 0.3260, 0.2486)
contains.

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Color

Yxy(35.3115, 0.3265, 0.2488)

Conversions

Conversions Part 1

Format	Color
Hex	D486CA
RGB	212, 134, 202
RGB Percent	83%, 53%, 79%
CMY	0.1687, 0.4745, 0.2077
CMYK	0.00, 0.37, 0.05, 0.17
HSL	308°, 48%, 68%
HSV	308°, 37%, 83%
XYZ	46.3392, 35.3115, 60.2765
YIQ	165.0740, 24.6600, 37.6840

Conversions

Conversions Part 2

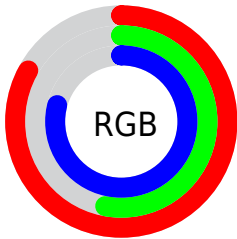
Format	Color
R_{YB}	212, 134, 202
Decimal	13928138
CIE _{Lab}	65.99, 40.12, -22.86
CIE _{LCh}	66, 46.173, 330.328
Yxy	35.3115, 0.3265, 0.2488
Android (android.graphics.Color)	4292118218 (0xFFD486CA)
YUV	165.0740, 18.2045, 41.1541
Hunter-Lab	59.4235, 35.2057, -18.5447

Details

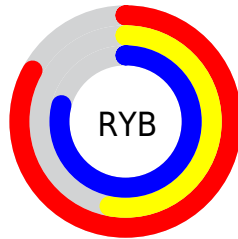
The Yxy color **35.3115, 0.3265, 0.2488** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1639, 0.3015, 0.4253**, and the grayscale version is **37.5677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4464, 0.3158, 0.2634**, and **15.2406, 0.3289, 0.2271** is the 20% darker color. If you saturate the color by 10%, you get **29.9016, 0.3311, 0.2282**, and if you desaturate by 10%, it is **41.9014, 0.3222, 0.2706**.

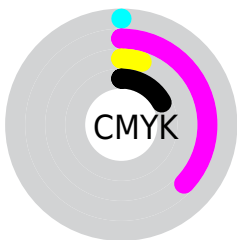
Distribution



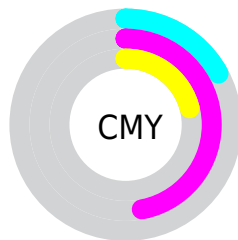
- Red (83%)
- Green (53%)
- Blue (79%)



- Red (83%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (17%)





- Cyan (17%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3115, 0.3265, 0.2488 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 35.3115, 0.3265, 0.2488 by changing the saturation by 10% instead.


 35.3115, 0.3265,
0.2488


 35.3115, 0.3265,
0.2488


325.9411, 0.3205,
0.2879

 23.9029, 0.3277,
0.2394


 67.9681, 0.3245,
0.2627

 15.2616, 0.3291,
0.2276


 89.9848, 0.3237,
0.2680

 9.0032, 0.3307,
0.2123


 116.3064, 0.3230,
0.2726

 4.7433, 0.3324,
0.1918

147.3173, 0.3224,
0.2765

 2.0974, 0.3338,
0.1632

183.4018, 0.3218,
0.2799

 0.6632, 0.3343,
0.1187

224.9444, 0.3213,

 0.0000, 0.3318,

0.2829

0.0000

272.3293, 0.3209,
0.2855

0.0000, 0.0000,
0.0000

35.3115, 0.3265,
0.2488

35.3115, 0.3265,
0.2488

29.9016, 0.3311,
0.2282

41.9014, 0.3222,
0.2706

25.5962, 0.3360,
0.2099

49.7312, 0.3183,
0.2928

22.3189, 0.3410,
0.1947


58.8625, 0.3148,
0.3146

19.9813, 0.3459,
0.1834


69.3514, 0.3118,
0.3356


18.4800, 0.3506,
0.1765

81.2508, 0.3091,
0.3555


 17.6810, 0.3549,
0.1740

 90.5921, 0.3071,
0.3679

 17.4965, 0.3563,
0.1737

 90.7351, 0.3055,
0.3650

 90.8804, 0.3040,
0.3621

 91.0280, 0.3026,
0.3591

Harmonies

Analogous

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



35.3115, 0.2590, 0.2250



35.3115, 0.3265, 0.2488



35.3115, 0.3975, 0.2893

Triad

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



35.3115, 0.3265, 0.2488



35.3115, 0.4158, 0.4384



35.3115, 0.1961, 0.2954

Complementary

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



35.3115, 0.3265, 0.2488



54.1639, 0.3015, 0.4253

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.



35.3115, 0.2296, 0.3677



35.3115, 0.3265, 0.2488



35.3115, 0.3557, 0.4592

Square

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



35.3115, 0.3265, 0.2488



35.3115, 0.4503, 0.3926



35.3115, 0.2874, 0.4341



35.3115, 0.1905, 0.2450

Rectangle

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



35.3115, 0.3265, 0.2488



35.3115, 0.4332, 0.3223



35.3115, 0.2874, 0.4341



35.3115, 0.2042, 0.3179

Sweetspot

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



35.3131, 0.3265, 0.2488



83.1625, 0.3163, 0.3052



27.6526, 0.2533, 0.2206



17.3936, 0.3168, 0.3022



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.



35.3131, 0.3265, 0.2488



47.1770, 0.3300, 0.2329



33.7235, 0.3670, 0.2921



12.6042, 0.3157, 0.3089



10.8127, 0.3558, 0.1733



0.6600, 0.3489, 0.1696

Inverse Universe

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



35.3131, 0.3265, 0.2488



47.1770, 0.3300, 0.2329



55.5331, 0.2785, 0.3698



12.6042, 0.3157, 0.3089



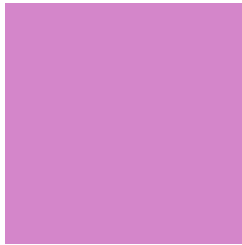
10.8127, 0.3558, 0.1733



0.6600, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 35.3115, 0.3265, 0.2488 looks on a white background.

Color Contrast Check

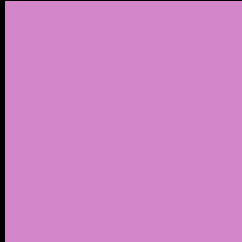
Large Text (above 18pt) WCAG AA × Fail

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 35.3115, 0.3265, 0.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

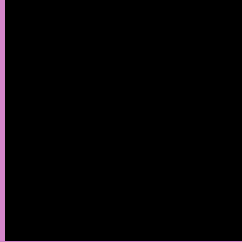
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3115, 0.3265, 0.2488

Background



This preview shows how black text looks on a background with the Yxy color 35.3115, 0.3265, 0.2488.



This preview shows how white text looks on a background with the Yxy color 35.3115, 0.3265, 0.2488.

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

35.3115, 0.3265, 0.2488

Protanopia

35.8032, 0.2525, 0.2467

Deuteranopia

35.4603, 0.2793, 0.2724



Tritanopia

35.4014, 0.3687, 0.3164

Trichromacy



Original Color

35.3115, 0.3265, 0.2488



Protanomaly

34.9416, 0.2758, 0.2467



Deuteranomaly

35.0834, 0.2959, 0.2633



Tritanomaly

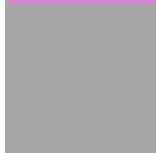
35.1063, 0.3535, 0.2904

Monochromacy



Original Color

35.3115, 0.3265, 0.2488



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.2706, 0.3181, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3115, 0.3265, 0.2488 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(212, 134, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 202)  
}
```

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(212, 134, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 202) }
```

Border

The CSS property to change the border of an element to Yxy 35.3115, 0.3265, 0.2488 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(212, 134, 202) }
```

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

```
.border{ border-color:rgb(212, 134, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 134, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3115, 0.3265, 0.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 134, 202) }
```

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

```
.background{ background-color: rgb(212,  
134, 202) }
```

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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