

Converting Colors

$Y_{xy}(35.2534, 0.3380, 0.2549)$

Have a look what the booklet for
Yxy(35.2534, 0.3380, 0.2549)
contains.

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Color

Yxy(35.2398, 0.3378, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	D984C4
RGB	217, 132, 196
RGB Percent	85%, 52%, 77%
CMY	0.1490, 0.4823, 0.2314
CMYK	0.00, 0.39, 0.10, 0.15
HSL	315°, 53%, 68%
HSV	315°, 39%, 85%
XYZ	46.8293, 35.2398, 56.5611
YIQ	164.7110, 30.1160, 37.9240

Conversions

Conversions Part 2

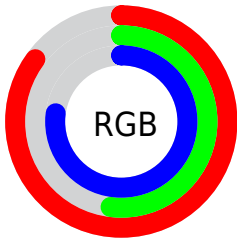
Format	Color
RYB	217, 132, 196
Decimal	14255300
CIELab	65.93, 41.74, -19.51
CIELCh	66, 46.074, 334.952
Yxy	35.2398, 0.3378, 0.2542
Android (android.graphics.Color)	4292445380 (0xFFD984C4)
YUV	164.7110, 15.4255, 45.8575
Hunter-Lab	59.3631, 36.9263, -14.9373

Details

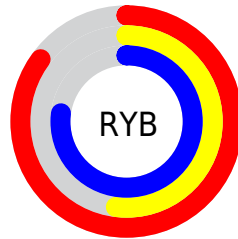
The Yxy color **35.2398, 0.3378, 0.2542** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.8287, 0.2949, 0.4182**, and the grayscale version is **37.3965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8925, 0.3173, 0.2642**, and **15.2674, 0.3450, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **29.7155, 0.3464, 0.2362**, and if you desaturate by 10%, it is **41.9999, 0.3301, 0.2734**.

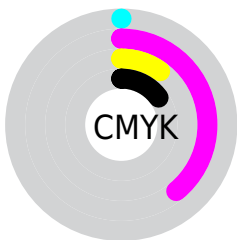
Distribution



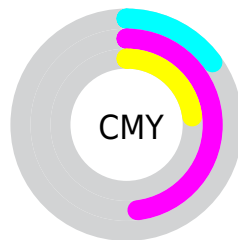
- Red (85%)
- Green (52%)
- Blue (77%)



- Red (85%)
- Yellow (52%)
- Blue (77%)



- Cyan (0%)
- Magenta (39%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.2398, 0.3378, 0.2542 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 35.2398, 0.3378, 0.2542 by changing the saturation by 10% instead.


 35.2398, 0.3378,
0.2542


 35.2398, 0.3378,
0.2542


325.6255, 0.3258,
0.2908

 23.8477, 0.3406,
0.2453


 67.8571, 0.3336,
0.2673

 15.2206, 0.3441,
0.2341


 89.8510, 0.3319,
0.2723

 8.9744, 0.3486,
0.2196


 116.1477, 0.3306,
0.2765

 4.7245, 0.3544,
0.1999

147.1314, 0.3293,
0.2802

 2.0865, 0.3622,
0.1722

183.1867, 0.3283,
0.2834

 0.6570, 0.3741,
0.1277

224.6979, 0.3274,

 0.0000, 0.4036,

0.2861

0.0000

272.0494, 0.3265,
0.2886

■ 0.0000, 0.0000,
0.0000

■ 35.2398, 0.3378,
0.2542

■ 35.2398, 0.3378,
0.2542

■ 29.7155, 0.3464,
0.2362

■ 41.9999, 0.3301,
0.2734

■ 25.3457, 0.3558,
0.2202

■ 50.0610, 0.3233,
0.2929

■ 22.0468, 0.3656,
0.2075

■ 59.4894, 0.3174,
0.3121

■ 19.7220, 0.3757,
0.1989


■ 70.3455, 0.3123,
0.3305


■ 18.2566, 0.3857,
0.1950


■ 82.6860, 0.3080,
0.3479

 17.4651, 0.3953,
0.1955

 91.8811, 0.3046,
0.3570

 17.4097, 0.3961,
0.1956

 92.1837, 0.3016,
0.3513

 92.4956, 0.2987,
0.3456

 92.8169, 0.2958,
0.3400

Harmonies

Analogous

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



35.2398, 0.2684, 0.2275



35.2398, 0.3378, 0.2542



35.2398, 0.4068, 0.2967

Triad

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



35.2398, 0.3378, 0.2542



35.2398, 0.4077, 0.4437



35.2398, 0.1936, 0.2859

Complementary

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



35.2398, 0.3378, 0.2542



56.8287, 0.2949, 0.4182

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.



35.2398, 0.2228, 0.3560



35.2398, 0.3378, 0.2542



35.2398, 0.3452, 0.4585

Square

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



35.2398, 0.3378, 0.2542



35.2398, 0.4472, 0.4004



35.2398, 0.2775, 0.4257



35.2398, 0.1923, 0.2399

Rectangle

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



35.2398, 0.3378, 0.2542



35.2398, 0.4390, 0.3303



35.2398, 0.2775, 0.4257



35.2398, 0.2002, 0.3073

Sweetspot

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



35.2414, 0.3378, 0.2542



81.5293, 0.3190, 0.3065



28.1741, 0.2569, 0.2148



17.0594, 0.3198, 0.3040



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.



35.2414, 0.3378, 0.2542



44.0880, 0.3449, 0.2392



33.6112, 0.3836, 0.3015



13.2170, 0.3175, 0.3116



10.5571, 0.3948, 0.1949



0.6973, 0.3802, 0.1868

Inverse Universe

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



35.2414, 0.3378, 0.2542



44.0880, 0.3449, 0.2392



58.4389, 0.2710, 0.3591



13.2170, 0.3175, 0.3116



10.5571, 0.3948, 0.1949



0.6973, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 35.2398, 0.3378, 0.2542 looks on a white background.

Color Contrast Check

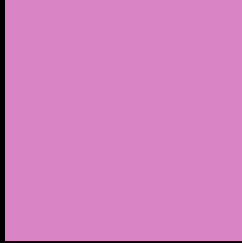
Large Text (above 18pt) WCAG AA × Fail

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 35.2398, 0.3378, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

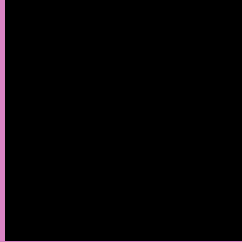
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2398, 0.3378, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 35.2398, 0.3378, 0.2542.



This preview shows how white text looks on a background with the Yxy color 35.2398, 0.3378, 0.2542.

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

35.2398, 0.3378, 0.2542

Protanopia

35.7223, 0.2571, 0.2528

Deuteranopia

35.4968, 0.2865, 0.2804



Tritanopia

35.3138, 0.3782, 0.3154

Trichromacy



Original Color

35.2398, 0.3378, 0.2542



Protanomaly

34.7069, 0.2822, 0.2516



Deuteranomaly

34.8538, 0.3039, 0.2697



Tritanomaly

35.3003, 0.3635, 0.2924

Monochromacy



Original Color

35.2398, 0.3378, 0.2542



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.1074, 0.3220, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2398, 0.3378, 0.2542 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(217, 132, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 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(217, 132, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 196) }
```

Border

The CSS property to change the border of an element to Yxy 35.2398, 0.3378, 0.2542 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(217, 132, 196) }
```

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

```
.border{ border-color:rgb(217, 132, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2398, 0.3378, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 196) }
```

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

```
.background{ background-color: rgb(217,  
132, 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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