

Converting Colors

$Y_{xy}(35.1269, 0.3940, 0.3001)$

Have a look what the booklet for
Yxy(35.1269, 0.3940, 0.3001)
contains.

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Color

Yxy(35.1269, 0.3940, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	E4839C
RGB	228, 131, 156
RGB Percent	89%, 51%, 61%
CMY	0.1058, 0.4863, 0.3882
CMYK	0.00, 0.43, 0.32, 0.11
HSL	345°, 64%, 70%
HSV	345°, 43%, 89%
XYZ	46.1180, 35.1269, 35.8058
YIQ	162.8530, 49.7870, 28.3390

Conversions

Conversions Part 2

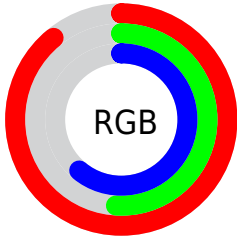
Format	Color
R _Y B	228, 131, 156
Decimal	14975900
CIE Lab	65.85, 40.11, 3.07
CIE LCh	66, 40.226, 4.375
Yxy	35.1269, 0.3940, 0.3001
Android (android.graphics.Color)	4293165980 (0xFFE4839C)
YUV	162.8530, -3.3785, 57.1339
Hunter-Lab	59.2680, 35.1766, 5.6685

Details

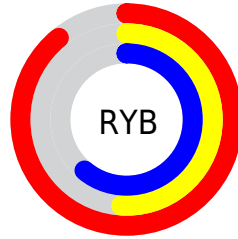
The Yxy color **35.1269, 0.3940, 0.3001** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6361, 0.2676, 0.3611**, and the grayscale version is **36.5522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0310, 0.3513, 0.3044**, and **15.1579, 0.4199, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **29.1294, 0.4246, 0.2941**, and if you desaturate by 10%, it is **42.5554, 0.3683, 0.3070**.

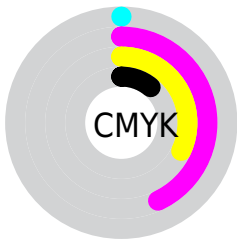
Distribution



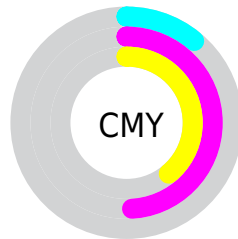
- Red (89%)
- Green (51%)
- Blue (61%)



- Red (89%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (11%)




- Cyan (11%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1269, 0.3940, 0.3001 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 35.1269, 0.3940, 0.3001 by changing the saturation by 10% instead.


 35.1269, 0.3940,
0.3001


 35.1269, 0.3940,
0.3001


325.1281, 0.3514,
0.3156

 23.7606, 0.4053,
0.2959


 67.6823, 0.3780,
0.3060

 15.1562, 0.4201,
0.2903


 89.6403, 0.3722,
0.3081

 8.9291, 0.4405,
0.2825


 115.8975, 0.3673,
0.3099

 4.6949, 0.4702,
0.2709

146.8386, 0.3631,
0.3114

 2.0694, 0.5169,
0.2521

182.8478, 0.3596,
0.3127

 0.6473, 0.6181,
0.2173

224.3095, 0.3565,


 0.0000, 1.0000,

0.3138

0.0000


271.6081, 0.3538,
0.3147


 0.0000, 0.0000,
0.0000


 35.1269, 0.3940,
0.3001


 35.1269, 0.3940,
0.3001


 29.1294, 0.4246,
0.2941


 42.5554, 0.3683,
0.3070


 24.4650, 0.4597,
0.2898


 51.4940, 0.3471,
0.3140


 21.0318, 0.4980,
0.2884

 62.0223, 0.3299,
0.3209

 18.7105, 0.5367,
0.2908

 74.2125, 0.3158,
0.3274

 17.3580, 0.5718,
0.2976

 88.1327, 0.3045,
0.3335

■ 16.8114, 0.5937,
0.3044

■ 95.2378, 0.2964,
0.3290

Harmonies

Analogous

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



35.1269, 0.3339, 0.2619



35.1269, 0.3940, 0.3001



35.1269, 0.4310, 0.3463

Triad

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



35.1269, 0.3940, 0.3001



35.1269, 0.3436, 0.4414



35.1269, 0.2052, 0.2513

Complementary

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



35.1269, 0.3940, 0.3001



64.6361, 0.2676, 0.3611

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.



35.1269, 0.2072, 0.2932



35.1269, 0.3940, 0.3001



35.1269, 0.2836, 0.4132

Square

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



35.1269, 0.3940, 0.3001



35.1269, 0.3982, 0.4301



35.1269, 0.2344, 0.3542



35.1269, 0.2278, 0.2336

Rectangle

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



35.1269, 0.3940, 0.3001



35.1269, 0.4356, 0.3779



35.1269, 0.2344, 0.3542



35.1269, 0.2031, 0.2626

Sweetspot

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



35.1286, 0.3940, 0.3001



79.1584, 0.3307, 0.3205



34.4102, 0.2934, 0.2171



16.2647, 0.3342, 0.3190



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.



35.1286, 0.3940, 0.3001



38.3998, 0.4205, 0.2948



41.1261, 0.4116, 0.3557



14.4287, 0.3252, 0.3230



9.7217, 0.5899, 0.3023



0.7333, 0.5484, 0.2795

Inverse Universe

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



35.1286, 0.3940, 0.3001



38.3998, 0.4205, 0.2948



54.2731, 0.2501, 0.2997



14.4287, 0.3252, 0.3230



9.7217, 0.5899, 0.3023



0.7333, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 35.1269, 0.3940, 0.3001 looks on a white background.

Color Contrast Check

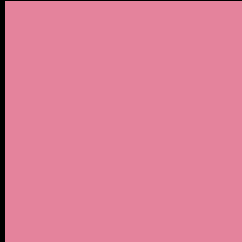
Large Text (above 18pt) WCAG AA × Fail

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 35.1269, 0.3940, 0.3001 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 35.1269, 0.3940, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 35.1269, 0.3940, 0.3001.



This preview shows how white text looks on a background with the Yxy color 35.1269, 0.3940, 0.3001.

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

35.1269, 0.3940, 0.3001

Protanopia

35.2870, 0.3014, 0.3088

Deuteranopia

35.2934, 0.3398, 0.3333



Tritanopia

35.0891, 0.4075, 0.3175

Trichromacy



Original Color

35.1269, 0.3940, 0.3001

Protanomaly

34.5992, 0.3322, 0.3046

Deuteranomaly

34.7280, 0.3597, 0.3199

Tritanomaly

34.9715, 0.4020, 0.3105

Monochromacy



Original Color

35.1269, 0.3940, 0.3001

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.2361, 0.3409, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1269, 0.3940, 0.3001 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(228, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(228, 131, 156)  
}
```

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(228, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 131, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.1269, 0.3940, 0.3001 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(228, 131, 156) }
```

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

```
.border{ border-color:rgb(228, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(228, 131,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1269, 0.3940, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 131, 156) }
```

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

```
.background{ background-color: rgb(228,  
131, 156) }
```

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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