

Converting Colors

Yxy(34.0227, 0.3748, 0.2966)

Have a look what the booklet for
Yxy(34.0227, 0.3748, 0.2966)
contains.

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Color

Yxy(34.0353, 0.3746, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	D786A0
RGB	215, 134, 160
RGB Percent	84%, 53%, 63%
CMY	0.1570, 0.4744, 0.3726
CMYK	0.00, 0.38, 0.26, 0.16
HSL	341°, 50%, 68%
HSV	341°, 38%, 84%
XYZ	42.8847, 34.0353, 37.5613
YIQ	161.1830, 39.9300, 25.2580

Conversions

Conversions Part 2

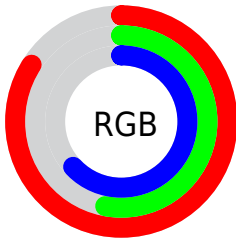
Format	Color
R _Y B	215, 134, 160
Decimal	14124704
CIE Lab	64.99, 34.40, -0.63
CIE LCh	65, 34.402, 358.953
Yxy	34.0353, 0.3746, 0.2973
Android (android.graphics.Color)	4292314784 (0xFFD786A0)
YUV	161.1830, -0.5832, 47.1975
Hunter-Lab	58.3398, 29.1181, 2.6647

Details

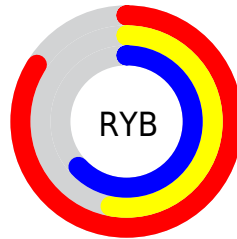
The Yxy color **34.0353, 0.3746, 0.2973** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.3249, 0.2749, 0.3638**, and the grayscale version is **35.7202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1327, 0.3468, 0.3014**, and **14.5597, 0.3933, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **28.2037, 0.3999, 0.2891**, and if you desaturate by 10%, it is **41.1379, 0.3535, 0.3060**.

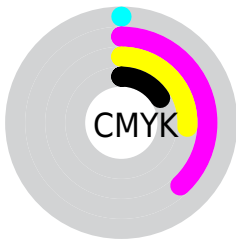
Distribution



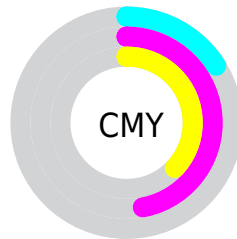
- Red (84%)
- Green (53%)
- Blue (63%)



- Red (84%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0353, 0.3746, 0.2973 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 34.0353, 0.3746, 0.2973 by changing the saturation by 10% instead.


 34.0353, 0.3746,
0.2973


 34.0353, 0.3746,
0.2973


320.2894, 0.3421,
0.3139


 22.9207, 0.3832,
0.2929


 65.9886, 0.3624,
0.3035

 14.5350, 0.3946,
0.2871


 87.5960, 0.3580,
0.3058

 8.4937, 0.4104,
0.2791


 113.4699, 0.3542,
0.3077

 4.4124, 0.4335,
0.2675

143.9946, 0.3511,
0.3093

 1.9068, 0.4704,
0.2489

179.5545, 0.3484,
0.3107

 0.5525, 0.5527,
0.2063

220.5340, 0.3460,


 0.0000, 1.0000,


0.3119


0.0000


267.3175, 0.3439,
0.3130


 0.0000, 0.0000,
0.0000

 34.0353, 0.3746,
0.2973


 34.0353, 0.3746,
0.2973


 28.2037, 0.3999,
0.2891

 41.1379, 0.3535,
0.3060


 23.5624, 0.4294,
0.2823

 49.5760, 0.3360,
0.3147


 20.0294, 0.4627,
0.2780


 59.4156, 0.3218,
0.3230


 17.5096, 0.4981,
0.2773


 70.7167, 0.3102,
0.3308


 15.8921, 0.5330,
0.2813

 83.5361, 0.3007,
0.3380

 15.0235, 0.5644,
0.2899

 92.7130, 0.2928,
0.3365

 14.8699, 0.5713,
0.2921

 93.1809, 0.2888,
0.3289

Harmonies

Analogous

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



34.0353, 0.3214, 0.2652



34.0353, 0.3746, 0.2973



34.0353, 0.4113, 0.3376

Triad

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



34.0353, 0.3746, 0.2973



34.0353, 0.3498, 0.4262



34.0353, 0.2169, 0.2669

Complementary

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



34.0353, 0.3746, 0.2973



57.3249, 0.2749, 0.3638

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.



34.0353, 0.2230, 0.3075



34.0353, 0.3746, 0.2973



34.0353, 0.2973, 0.4075

Square

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



34.0353, 0.3746, 0.2973



34.0353, 0.3946, 0.4129



34.0353, 0.2513, 0.3609



34.0353, 0.2332, 0.2467

Rectangle

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



34.0353, 0.3746, 0.2973



34.0353, 0.4195, 0.3656



34.0353, 0.2513, 0.3609



34.0353, 0.2164, 0.2783

Sweetspot

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



34.0369, 0.3746, 0.2973



82.2239, 0.3264, 0.3202



32.6517, 0.2913, 0.2291



17.1696, 0.3283, 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.



34.0369, 0.3746, 0.2973



43.2659, 0.3939, 0.2909



37.1918, 0.3984, 0.3459



12.4858, 0.3241, 0.3215



8.9150, 0.5673, 0.2899



0.5526, 0.5180, 0.2627

Inverse Universe

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



34.0369, 0.3746, 0.2973



43.2659, 0.3939, 0.2909



51.9681, 0.2579, 0.3110



12.4858, 0.3241, 0.3215



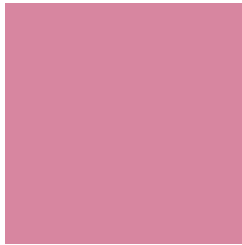
8.9150, 0.5673, 0.2899



0.5526, 0.5180, 0.2627

Previews

White Background



This preview shows how the Yxy color 34.0353, 0.3746, 0.2973 looks on a white background.

Color Contrast Check

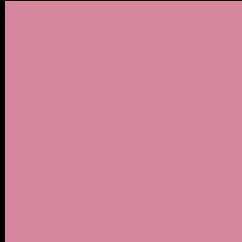
Large Text (above 18pt) WCAG AA × Fail

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 34.0353, 0.3746, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

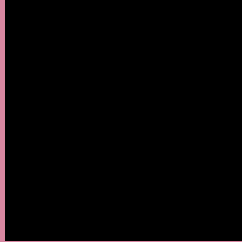
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0353, 0.3746, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 34.0353, 0.3746, 0.2973.



This preview shows how white text looks on a background with the Yxy color 34.0353, 0.3746, 0.2973.

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

34.0353, 0.3746, 0.2973

Protanopia

34.2379, 0.2969, 0.3042

Deuteranopia

34.2155, 0.3301, 0.3234



Tritanopia

34.0110, 0.3879, 0.3156

Trichromacy



Original Color

34.0353, 0.3746, 0.2973

Protanomaly

33.7066, 0.3221, 0.3012

Deuteranomaly

33.8452, 0.3460, 0.3128

Tritanomaly

33.8911, 0.3824, 0.3081

Monochromacy



Original Color

34.0353, 0.3746, 0.2973

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.5302, 0.3337, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0353, 0.3746, 0.2973 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(215, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(215, 134, 160)  
}
```

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(215, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 134, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.0353, 0.3746, 0.2973 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(215, 134, 160) }
```

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

```
.border{ border-color:rgb(215, 134, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 134, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 134,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0353, 0.3746, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 134, 160) }
```

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

```
.background{ background-color: rgb(215,  
134, 160) }
```

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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