

Converting Colors

Yxy(34.1357, 0.3717, 0.2969)

Have a look what the booklet for
Yxy(34.1357, 0.3717, 0.2969)
contains.

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Color

Yxy(34.1973, 0.3721, 0.2971)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D687A1 |
| RGB | 214, 135, 161 |
| RGB Percent | 84%, 53%, 63% |
| CMY | 0.1608, 0.4706, 0.3685 |
| CMYK | 0.00, 0.37, 0.25, 0.16 |
| HSL | 340°, 49%, 68% |
| HSV | 340°, 37%, 84% |
| XYZ | 42.8301, 34.1973, 38.0763 |
| YIQ | 161.5850, 38.7380, 24.8340 |

Conversions

Conversions Part 2

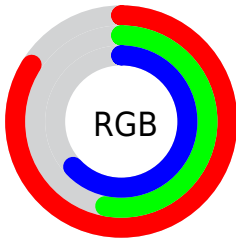
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 214, 135, 161 |
| Decimal | 14059425 |
| CIE Lab | 65.12, 33.68, -1.05 |
| CIE LCh | 65, 33.696, 358.222 |
| Yxy | 34.1973, 0.3721, 0.2971 |
| Android (android.graphics.Color) | 4292249505 (0xFFD687A1) |
| YUV | 161.5850, -0.2884, 45.9680 |
| Hunter-Lab | 58.4785, 28.3975, 2.3302 |

Details

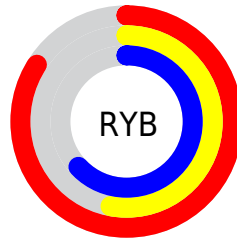
The Yxy color **34.1973, 0.3721, 0.2971** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **56.8722, 0.2759, 0.3640**, and the grayscale version is **35.9166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6131, 0.3458, 0.3014**, and **14.7355, 0.3911, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **28.3378, 0.3967, 0.2886**, and if you desaturate by 10%, it is **41.3183, 0.3516, 0.3060**.

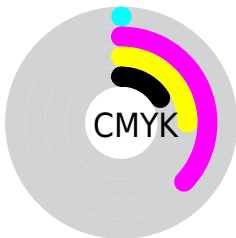
Distribution



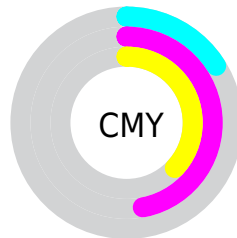
- Red (84%)
- Green (53%)
- Blue (63%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1973, 0.3721, 0.2971 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 34.1973, 0.3721, 0.2971 by changing the saturation by 10% instead.


 34.1973, 0.3721,
0.2971


 34.1973, 0.3721,
0.2971


321.0109, 0.3410,
0.3138


 23.0452, 0.3804,
0.2927


 66.2404, 0.3604,
0.3033

 14.6269, 0.3913,
0.2869


 87.9001, 0.3562,
0.3056

 8.5580, 0.4063,
0.2790


 113.8313, 0.3526,
0.3075

 4.4540, 0.4283,
0.2674

144.4181, 0.3496,
0.3091

 1.9306, 0.4636,
0.2491

180.0451, 0.3470,
0.3105

 0.5667, 0.5399,
0.2075

221.0967, 0.3447,


 0.0000, 1.0000,


0.3118

0.0000


267.9571, 0.3427,
0.3128


 0.0000, 0.0000,
0.0000


 34.1973, 0.3721,
0.2971


 34.1973, 0.3721,
0.2971


 28.3378, 0.3967,
0.2886


 41.3183, 0.3516,
0.3060


 23.6605, 0.4255,
0.2815


 49.7639, 0.3346,
0.3149


 20.0850, 0.4579,
0.2767


 59.5991, 0.3208,
0.3234

 17.5185, 0.4927,
0.2756

 70.8830, 0.3095,
0.3314

 15.8526, 0.5274,
0.2790

 83.6713, 0.3002,
0.3388

 14.9463, 0.5589,
0.2873

 92.5386, 0.2925,
0.3370

 14.7444, 0.5679,
0.2902

 93.0357, 0.2883,
0.3289

Harmonies

Analogous

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



34.1973, 0.3200, 0.2658



34.1973, 0.3721, 0.2971



34.1973, 0.4085, 0.3366

Triad

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



34.1973, 0.3721, 0.2971



34.1973, 0.3504, 0.4240



34.1973, 0.2187, 0.2690

Complementary

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



34.1973, 0.3721, 0.2971



56.8722, 0.2759, 0.3640

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.



34.1973, 0.2253, 0.3093



34.1973, 0.3721, 0.2971



34.1973, 0.2989, 0.4065

Square

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



34.1973, 0.3721, 0.2971



34.1973, 0.3938, 0.4106



34.1973, 0.2536, 0.3615



34.1973, 0.2342, 0.2486

Rectangle

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



34.1973, 0.3721, 0.2971



34.1973, 0.4171, 0.3641



34.1973, 0.2536, 0.3615



34.1973, 0.2184, 0.2804

Sweetspot

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



34.1989, 0.3721, 0.2971



82.2382, 0.3262, 0.3199



32.8327, 0.2918, 0.2311



17.1730, 0.3281, 0.3188



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.



34.1989, 0.3721, 0.2971



44.1309, 0.3902, 0.2907



37.2779, 0.3961, 0.3456



12.4876, 0.3240, 0.3213



8.9295, 0.5641, 0.2881



0.5537, 0.5150, 0.2611

Inverse Universe

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



34.1989, 0.3721, 0.2971



44.1309, 0.3902, 0.2907



51.7008, 0.2589, 0.3114



12.4876, 0.3240, 0.3213



8.9295, 0.5641, 0.2881



0.5537, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 34.1973, 0.3721, 0.2971 looks on a white background.

Color Contrast Check

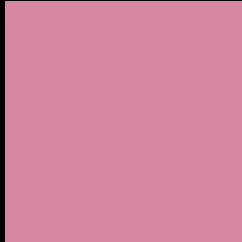
Large Text (above 18pt) WCAG AA × Fail

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 34.1973, 0.3721, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

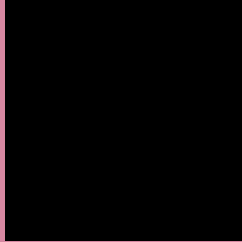
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1973, 0.3721, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 34.1973, 0.3721, 0.2971.



This preview shows how white text looks on a background with the Yxy color 34.1973, 0.3721, 0.2971.

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

34.1973, 0.3721, 0.2971

Protanopia

34.3772, 0.2969, 0.3029

Deuteranopia

34.2498, 0.3292, 0.3220



Tritanopia

34.1756, 0.3853, 0.3155

Trichromacy



Original Color

34.1973, 0.3721, 0.2971

Protanomaly

33.8621, 0.3222, 0.3000

Deuteranomaly

33.8798, 0.3450, 0.3115

Tritanomaly

34.0544, 0.3799, 0.3081

Monochromacy



Original Color

34.1973, 0.3721, 0.2971

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.8889, 0.3326, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1973, 0.3721, 0.2971 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(214, 135, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 135, 161)  
}
```

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(214, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 135, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.1973, 0.3721, 0.2971 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(214, 135, 161) }
```

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

```
.border{ border-color:rgb(214, 135, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 135, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 135, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 135,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1973, 0.3721, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 135, 161) }
```

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

```
.background{ background-color: rgb(214,  
135, 161) }
```

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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