

Converting Colors

Yxy(34.4934, 0.3900, 0.2905)

Have a look what the booklet for
Yxy(34.4934, 0.3900, 0.2905)
contains.

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Color

Yxy(34.6696, 0.3901, 0.2911)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E580A1 |
| RGB | 229, 128, 161 |
| RGB Percent | 90%, 50%, 63% |
| CMY | 0.1021, 0.4980, 0.3686 |
| CMYK | 0.00, 0.44, 0.30, 0.10 |
| HSL | 340°, 66%, 70% |
| HSV | 340°, 44%, 90% |
| XYZ | 46.4604, 34.6696, 37.9686 |
| YIQ | 161.9610, 49.6030, 31.6750 |

Conversions

Conversions Part 2

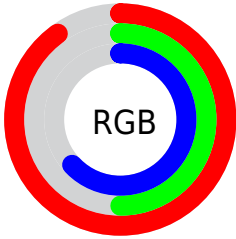
| Format | Color |
|-------------------------------------|--|
| RYB | 229, 128, 161 |
| Decimal | 15040673 |
| CIELab | 65.49, 42.62, -0.27 |
| CIELCh | 65, 42.617, 359.635 |
| Yxy | 34.6696, 0.3901, 0.2911 |
| Android (android.graphics.Color) | 4293230753 (0xFFE580A1) |
| YUV | 161.9610, -0.4738, 58.7932 |
| Hunter-Lab | 58.8809, 37.8050, 2.9842 |

Details

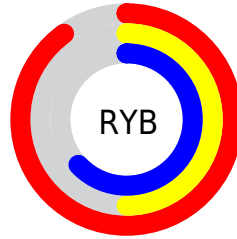
The Yxy color **34.6696, 0.3901, 0.2911** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64.5999, 0.2699, 0.3719**, and the grayscale version is **36.0993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0848, 0.3468, 0.2953**, and **14.9526, 0.4139, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **28.8450, 0.4180, 0.2835**, and if you desaturate by 10%, it is **41.9123, 0.3664, 0.2997**.

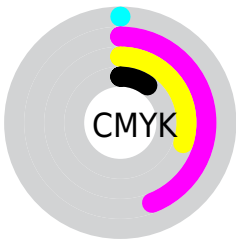
Distribution



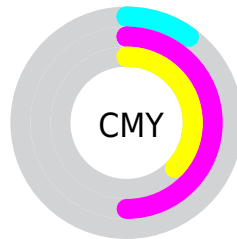
- Red (90%)
- Green (50%)
- Blue (63%)



- Red (90%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6696, 0.3901, 0.2911 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 34.6696, 0.3901, 0.2911 by changing the saturation by 10% instead.

 34.6696, 0.3901,
0.2911

 34.6696, 0.3901,
0.2911


323.1076, 0.3496,
0.3109


 23.4085, 0.4008,
0.2859


 66.9736, 0.3750,
0.2985

 14.8954, 0.4148,
0.2790


 88.7853, 0.3694,
0.3012

 8.7460, 0.4341,
0.2696


 114.8826, 0.3648,
0.3035

 4.5759, 0.4620,
0.2560

145.6499, 0.3608,
0.3054

 2.0006, 0.5060,
0.2347

181.4717, 0.3574,
0.3071

 0.6078, 0.5935,
0.1918

222.7323, 0.3545,


 0.0000, 1.0000,


0.3085

0.0000


269.8161, 0.3519,
0.3098


 0.0000, 0.0000,
0.0000


 34.6696, 0.3901,
0.2911


 34.6696, 0.3901,
0.2911

 28.8450, 0.4180,
0.2835


 41.9123, 0.3664,
0.2997


 24.3393, 0.4499,
0.2781


 50.6535, 0.3467,
0.3087


 21.0482, 0.4846,
0.2759

 60.9736, 0.3306,
0.3174

 18.8496, 0.5199,
0.2782

 72.9459, 0.3174,
0.3258

 17.5948, 0.5526,
0.2855

 86.6388, 0.3066,
0.3335

■ 17.1596, 0.5699,
0.2913

■ 95.2975, 0.2978,
0.3305

■ 95.3938, 0.2970,
0.3290

Harmonies

Analogous

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



34.6696, 0.3242, 0.2531



34.6696, 0.3901, 0.2911



34.6696, 0.4349, 0.3387

Triad

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



34.6696, 0.3901, 0.2911



34.6696, 0.3549, 0.4496



34.6696, 0.1979, 0.2517

Complementary

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



34.6696, 0.3901, 0.2911



64.5999, 0.2699, 0.3719

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.



34.6696, 0.2039, 0.2997



34.6696, 0.3901, 0.2911



34.6696, 0.2911, 0.4268

Square

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



34.6696, 0.3901, 0.2911



34.6696, 0.4105, 0.4309



34.6696, 0.2364, 0.3667



34.6696, 0.2176, 0.2294

Rectangle

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



34.6696, 0.3901, 0.2911



34.6696, 0.4438, 0.3721



34.6696, 0.2364, 0.3667



34.6696, 0.1970, 0.2649

Sweetspot

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



34.6713, 0.3901, 0.2911



79.2881, 0.3291, 0.3183



32.7446, 0.2863, 0.2109



16.2964, 0.3324, 0.3164



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.



34.6713, 0.3901, 0.2911



37.3380, 0.4157, 0.2841



38.4167, 0.4205, 0.3488



14.4453, 0.3241, 0.3213



9.8332, 0.5659, 0.2891



0.7432, 0.5246, 0.2664

Inverse Universe

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



34.6713, 0.3901, 0.2911



37.3380, 0.4157, 0.2841



57.4080, 0.2496, 0.3074



14.4453, 0.3241, 0.3213



9.8332, 0.5659, 0.2891



0.7432, 0.5246, 0.2664

Previews

White Background



This preview shows how the Yxy color 34.6696, 0.3901, 0.2911 looks on a white background.

Color Contrast Check

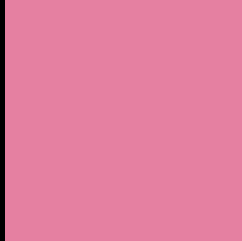
Large Text (above 18pt) WCAG AA × Fail

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 34.6696, 0.3901, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

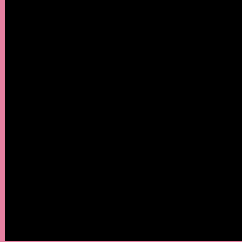
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6696, 0.3901, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 34.6696, 0.3901, 0.2911.



This preview shows how white text looks on a background with the Yxy color 34.6696, 0.3901, 0.2911.

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

34.6696, 0.3901, 0.2911

Protanopia

34.7763, 0.2927, 0.2987

Deuteranopia

34.7756, 0.3320, 0.3248



Tritanopia

34.7565, 0.4103, 0.3187

Trichromacy



Original Color

34.6696, 0.3901, 0.2911

Protanomaly

33.9133, 0.3255, 0.2951

Deuteranomaly

34.3215, 0.3526, 0.3119

Tritanomaly

34.8647, 0.4034, 0.3094

Monochromacy



Original Color

34.6696, 0.3901, 0.2911

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.8604, 0.3380, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6696, 0.3901, 0.2911 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(229, 128, 161)` looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 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(229, 128, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.6696, 0.3901, 0.2911 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(229, 128, 161) }
```

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

```
.border{ border-color:rgb(229, 128, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 128, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 161);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6696, 0.3901, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 161) }
```

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

```
.background{ background-color: rgb(229,  
128, 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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