

Converting Colors

$Y_{xy}(34.6508, 0.3772, 0.2958)$

Have a look what the booklet for
Yxy(34.6508, 0.3772, 0.2958)
contains.

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Color

Yxy(34.6835, 0.3777, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	DB86A1
RGB	219, 134, 161
RGB Percent	86%, 53%, 63%
CMY	0.1413, 0.4744, 0.3686
CMYK	0.00, 0.39, 0.26, 0.14
HSL	341°, 54%, 69%
HSV	341°, 39%, 86%
XYZ	44.1671, 34.6835, 38.0864
YIQ	162.4930, 41.9930, 26.4170

Conversions

Conversions Part 2

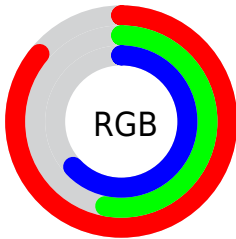
Format	Color
R _Y B	219, 134, 161
Decimal	14386849
CIE Lab	65.50, 35.98, -0.40
CIE LCh	66, 35.981, 359.366
Yxy	34.6835, 0.3777, 0.2966
Android (android.graphics.Color)	4292576929 (0xFFDB86A1)
YUV	162.4930, -0.7360, 49.5566
Hunter-Lab	58.8927, 30.8054, 2.8816

Details

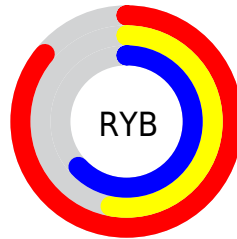
The Yxy color **34.6835, 0.3777, 0.2966** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5275, 0.2737, 0.3647**, and the grayscale version is **36.3648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1843, 0.3460, 0.3004**, and **14.8418, 0.3979, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **28.7488, 0.4037, 0.2886**, and if you desaturate by 10%, it is **41.9378, 0.3560, 0.3052**.

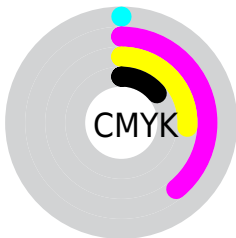
Distribution



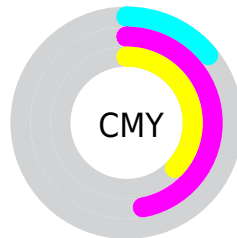
- Red (86%)
- Green (53%)
- Blue (63%)



- Red (86%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6835, 0.3777, 0.2966 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 34.6835, 0.3777, 0.2966 by changing the saturation by 10% instead.


 34.6835, 0.3777,
0.2966


 34.6835, 0.3777,
0.2966


323.1691, 0.3437,
0.3135


 23.4192, 0.3867,
0.2921


 66.9952, 0.3650,
0.3029

 14.9033, 0.3986,
0.2862


 88.8113, 0.3603,
0.3053

 8.7516, 0.4149,
0.2782


 114.9135, 0.3564,
0.3072

 4.5795, 0.4387,
0.2664

145.6861, 0.3531,
0.3089

 2.0027, 0.4766,
0.2477

181.5136, 0.3502,
0.3103

 0.6091, 0.5547,
0.2086

222.7803, 0.3478,

 0.0000, 1.0000,

0.3115

0.0000

269.8707, 0.3456,
0.3126

0.0000, 0.0000,
0.0000

34.6835, 0.3777,
0.2966

34.6835, 0.3777,
0.2966

28.7488, 0.4037,
0.2886

41.9378, 0.3560,
0.3052

24.0485, 0.4339,
0.2821

50.5800, 0.3380,
0.3138

20.4954, 0.4677,
0.2782


60.6797, 0.3234,
0.3221


17.9884, 0.5034,
0.2781

72.3003, 0.3114,
0.3299


16.4087, 0.5383,
0.2828

85.5015, 0.3017,
0.3371

 15.5734, 0.5692,
0.2917

 93.5204, 0.2935,
0.3334

 15.4935, 0.5727,
0.2928

 93.7969, 0.2911,
0.3289

Harmonies

Analogous

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



34.6835, 0.3225, 0.2633



34.6835, 0.3777, 0.2966



34.6835, 0.4155, 0.3382

Triad

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



34.6835, 0.3777, 0.2966



34.6835, 0.3503, 0.4301



34.6835, 0.2136, 0.2640

Complementary

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



34.6835, 0.3777, 0.2966



59.5275, 0.2737, 0.3647

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.



34.6835, 0.2195, 0.3058



34.6835, 0.3777, 0.2966



34.6835, 0.2958, 0.4104

Square

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



34.6835, 0.3777, 0.2966



34.6835, 0.3970, 0.4163



34.6835, 0.2484, 0.3614



34.6835, 0.2308, 0.2436

Rectangle

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



34.6835, 0.3777, 0.2966



34.6835, 0.4236, 0.3672



34.6835, 0.2484, 0.3614



34.6835, 0.2130, 0.2757

Sweetspot

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



34.6852, 0.3777, 0.2966



80.7340, 0.3279, 0.3194



33.2005, 0.2904, 0.2257



16.8722, 0.3298, 0.3183



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.



34.6852, 0.3777, 0.2966



41.6554, 0.3998, 0.2897



38.0141, 0.4022, 0.3465



13.1193, 0.3242, 0.3216



9.2065, 0.5688, 0.2907



0.6118, 0.5222, 0.2651

Inverse Universe

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



34.6852, 0.3777, 0.2966



41.6554, 0.3998, 0.2897



53.7592, 0.2564, 0.3104



13.1193, 0.3242, 0.3216



9.2065, 0.5688, 0.2907



0.6118, 0.5222, 0.2651

Previews

White Background



This preview shows how the Yxy color 34.6835, 0.3777, 0.2966 looks on a white background.

Color Contrast Check

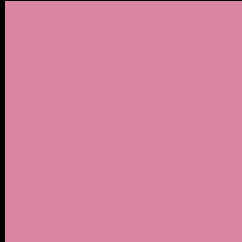
Large Text (above 18pt) WCAG AA × Fail

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 34.6835, 0.3777, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

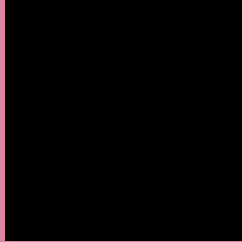
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6835, 0.3777, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 34.6835, 0.3777, 0.2966.



This preview shows how white text looks on a background with the Yxy color 34.6835, 0.3777, 0.2966.

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

34.6835, 0.3777, 0.2966

Protanopia

34.8574, 0.2970, 0.3030

Deuteranopia

34.7756, 0.3320, 0.3248



Tritanopia

34.6203, 0.3921, 0.3158

Trichromacy



Original Color

34.6835, 0.3777, 0.2966

Protanomaly

34.1385, 0.3232, 0.2989

Deuteranomaly

34.5425, 0.3490, 0.3144

Tritanomaly

34.5004, 0.3867, 0.3085

Monochromacy



Original Color

34.6835, 0.3777, 0.2966

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1324, 0.3346, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6835, 0.3777, 0.2966 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(219, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 134, 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(219, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 134, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.6835, 0.3777, 0.2966 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(219, 134, 161) }
```

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

```
.border{ border-color:rgb(219, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 134,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6835, 0.3777, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 134, 161) }
```

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

```
.background{ background-color: rgb(219,  
134, 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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