

Converting Colors

Yxy(34.4114, 0.3767, 0.2951)

Have a look what the booklet for
Yxy(34.4114, 0.3767, 0.2951)
contains.

Yxy(34.2537, 0.3770, 0.2953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.2537, 0.3770, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	DA85A1
RGB	218, 133, 161
RGB Percent	85%, 52%, 63%
CMY	0.1451, 0.4784, 0.3687
CMYK	0.00, 0.39, 0.26, 0.15
HSL	340°, 53%, 69%
HSV	340°, 39%, 85%
XYZ	43.7306, 34.2537, 38.0120
YIQ	161.6070, 41.6720, 26.7280

Conversions

Conversions Part 2

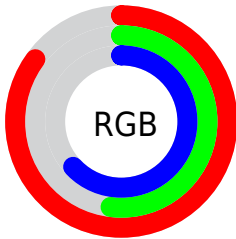
Format	Color
R _Y B	218, 133, 161
Decimal	14321057
CIE Lab	65.16, 36.16, -0.89
CIE LCh	65, 36.167, 358.591
Yxy	34.2537, 0.3770, 0.2953
Android (android.graphics.Color)	4292511137 (0xFFDA85A1)
YUV	161.6070, -0.2993, 49.4567
Hunter-Lab	58.5267, 30.9519, 2.4609

Details

The Yxy color **34.2537, 0.3770, 0.2953** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **58.8465, 0.2741, 0.3663**, and the grayscale version is **35.9255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7585, 0.3461, 0.2994**, and **14.5877, 0.3969, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **28.4061, 0.4025, 0.2870**, and if you desaturate by 10%, it is **41.4035, 0.3556, 0.3042**.

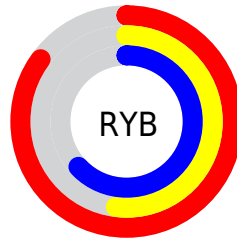
Distribution



Red (85%)

Green (52%)

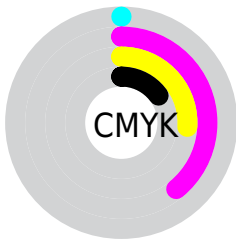
Blue (63%)



Red (85%)

Yellow (52%)

Blue (63%)

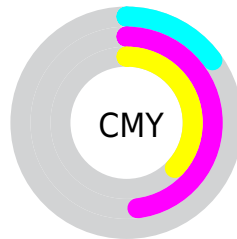


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (15%)



Cyan (15%)


Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2537, 0.3770, 0.2953 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 34.2537, 0.3770, 0.2953 by changing the saturation by 10% instead.


 34.2537, 0.3770,
0.2953


 34.2537, 0.3770,
0.2953


321.2618, 0.3433,
0.3129

 23.0886, 0.3859,
0.2907


 66.3280, 0.3644,
0.3019

 14.6589, 0.3977,
0.2846


 88.0060, 0.3598,
0.3043

 8.5804, 0.4139,
0.2762


 113.9570, 0.3559,
0.3063

 4.4685, 0.4377,
0.2640

144.5654, 0.3526,
0.3080

 1.9389, 0.4754,
0.2447

180.2158, 0.3498,
0.3095

 0.5716, 0.5558,
0.2022

221.2923, 0.3473,


 0.0000, 1.0000,

0.3108


0.0000


268.1796, 0.3452,
0.3119

 0.0000, 0.0000,
0.0000


 34.2537, 0.3770,
0.2953


 34.2537, 0.3770,
0.2953


 28.4061, 0.4025,
0.2870


 41.4035, 0.3556,
0.3042


 23.7766, 0.4322,
0.2803


 49.9232, 0.3379,
0.3131

 20.2788, 0.4654,
0.2762


 59.8816, 0.3234,
0.3217


 17.8126, 0.5005,
0.2760

 71.3413, 0.3116,
0.3298

 16.2603, 0.5348,
0.2806

 84.3614, 0.3020,
0.3373

 15.4364, 0.5654,
0.2895

 93.2476, 0.2939,
0.3353

 15.3688, 0.5684,
0.2905

 93.6445, 0.2906,
0.3289

Harmonies

Analogous

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



34.2537, 0.3210, 0.2621



34.2537, 0.3770, 0.2953



34.2537, 0.4159, 0.3371

Triad

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



34.2537, 0.3770, 0.2953



34.2537, 0.3519, 0.4312



34.2537, 0.2127, 0.2642

Complementary

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



34.2537, 0.3770, 0.2953



58.8465, 0.2741, 0.3663

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.



34.2537, 0.2192, 0.3068



34.2537, 0.3770, 0.2953



34.2537, 0.2970, 0.4122

Square

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



34.2537, 0.3770, 0.2953



34.2537, 0.3987, 0.4163



34.2537, 0.2489, 0.3632



34.2537, 0.2293, 0.2431

Rectangle

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



34.2537, 0.3770, 0.2953



34.2537, 0.4246, 0.3664



34.2537, 0.2489, 0.3632



34.2537, 0.2122, 0.2762

Sweetspot

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



34.2553, 0.3770, 0.2953



80.7540, 0.3276, 0.3191



32.7446, 0.2903, 0.2253



16.8769, 0.3295, 0.3179



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.



34.2553, 0.3770, 0.2953



41.7086, 0.3983, 0.2883



37.5207, 0.4028, 0.3466



13.1218, 0.3240, 0.3213



9.2258, 0.5645, 0.2884



0.6133, 0.5183, 0.2629

Inverse Universe

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



34.2553, 0.3770, 0.2953



41.7086, 0.3983, 0.2883



53.1544, 0.2562, 0.3103



13.1218, 0.3240, 0.3213



9.2258, 0.5645, 0.2884



0.6133, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 34.2537, 0.3770, 0.2953 looks on a white background.

Color Contrast Check

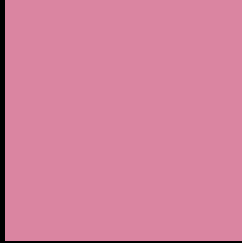
Large Text (above 18pt) WCAG AA × Fail

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 34.2537, 0.3770, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

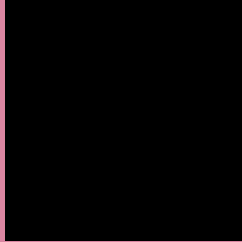
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2537, 0.3770, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 34.2537, 0.3770, 0.2953.



This preview shows how white text looks on a background with the Yxy color 34.2537, 0.3770, 0.2953.

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

34.2537, 0.3770, 0.2953

Protanopia

34.3165, 0.2952, 0.3014

Deuteranopia

34.2155, 0.3301, 0.3234



Tritanopia

34.2826, 0.3911, 0.3169

Trichromacy



Original Color

34.2537, 0.3770, 0.2953

Protanomaly

33.7038, 0.3223, 0.2974

Deuteranomaly

33.9735, 0.3471, 0.3129

Tritanomaly

34.3140, 0.3868, 0.3096

Monochromacy



Original Color

34.2537, 0.3770, 0.2953

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.6869, 0.3338, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2537, 0.3770, 0.2953 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(218, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 133, 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(218, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 133, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.2537, 0.3770, 0.2953 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(218, 133, 161) }
```

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

```
.border{ border-color:rgb(218, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 133,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2537, 0.3770, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 133, 161) }
```

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

```
.background{ background-color: rgb(218,  
133, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor