

Converting Colors

Yxy(51.4948, 0.3133, 0.2675)

Have a look what the booklet for
Yxy(51.4948, 0.3133, 0.2675)
contains.

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Color

Yxy(51.3309, 0.3131, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	E2ACE5
RGB	226, 172, 229
RGB Percent	89%, 67%, 90%
CMY	0.1137, 0.3255, 0.1019
CMYK	0.01, 0.25, 0.00, 0.10
HSL	297°, 52%, 79%
HSV	297°, 25%, 90%
XYZ	60.2614, 51.3309, 80.8746
YIQ	194.6440, 13.8870, 29.1750

Conversions

Conversions Part 2

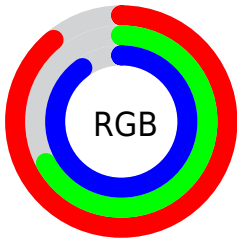
Format	Color
R _Y B	226, 172, 229
Decimal	14855397
CIE Lab	76.88, 29.20, -20.99
CIE LCh	77, 35.961, 324.290
Yxy	51.3309, 0.3131, 0.2667
Android (android.graphics.Color)	4293045477 (0xFFE2ACE5)
YUV	194.6440, 16.9375, 27.4992
Hunter-Lab	71.6456, 24.7572, -16.7755

Details

The Yxy color **51.3309, 0.3131, 0.2667** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.1450, 0.3114, 0.3992**, and the grayscale version is **54.2434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **24.7568, 0.3129, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **43.1585, 0.3130, 0.2417**, and if you desaturate by 10%, it is **61.0113, 0.3130, 0.2921**.

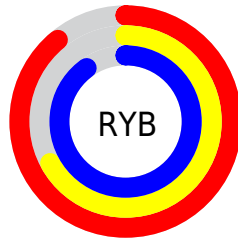
Distribution



Red (89%)

Green (67%)

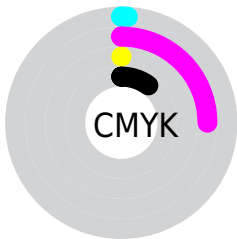
Blue (90%)



Red (89%)

Yellow (67%)

Blue (90%)

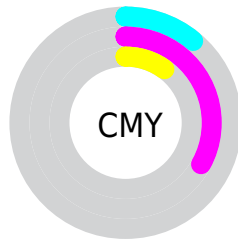


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (10%)



Cyan (11%)


Magenta (33%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3309, 0.3131, 0.2667 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 51.3309, 0.3131, 0.2667 by changing the saturation by 10% instead.


 51.3309, 0.3131,
0.2667

 51.3309, 0.3131,
0.2667


391.8480, 0.3135,
0.2958

 36.4720, 0.3128,
0.2600


 92.1437, 0.3134,
0.2768

 24.7990, 0.3124,
0.2518

118.8664, 0.3134,
0.2807

 15.9273, 0.3118,
0.2413


150.3126, 0.3135,
0.2841

 9.4728, 0.3107,
0.2277


186.8665, 0.3135,
0.2871

 5.0508, 0.3087,
0.2092

228.9126, 0.3135,
0.2896

 2.2771, 0.3049,
0.1829

276.8353, 0.3135,

 0.7615, 0.2966,

0.2919

0.1422

331.0190, 0.3135,
0.2939

0.0000, 0.2595,
0.0000

0.0000, 0.0000,
0.0000

51.3309, 0.3131,
0.2667

51.3309, 0.3131,
0.2667

43.1585, 0.3130,
0.2417

61.0113, 0.3130,
0.2921

36.4103, 0.3127,
0.2179


72.2646, 0.3128,
0.3171


31.0047, 0.3122,
0.1965

85.1598, 0.3126,
0.3411

26.8492, 0.3115,
0.1783


94.1426, 0.3126,
0.3554

 23.8392, 0.3105,
0.1640


 94.3449, 0.3134,
0.3553

 21.8536, 0.3094,
0.1542


 94.5487, 0.3141,
0.3553

 20.7439, 0.3082,
0.1485

 94.7538, 0.3149,
0.3552

 20.3935, 0.3075,
0.1468

 94.9604, 0.3156,
0.3551

 95.1684, 0.3164,
0.3551

Harmonies

Analogous

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



51.3309, 0.2674, 0.2523



51.3309, 0.3131, 0.2667



51.3309, 0.3622, 0.2948

Triad

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



51.3309, 0.3131, 0.2667



51.3309, 0.3927, 0.4022



51.3309, 0.2332, 0.3170

Complementary

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



51.3309, 0.3131, 0.2667



68.1450, 0.3114, 0.3992

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.



51.3309, 0.2624, 0.3656



51.3309, 0.3131, 0.2667



51.3309, 0.3542, 0.4172

Square

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



51.3309, 0.3131, 0.2667



51.3309, 0.4099, 0.3699



51.3309, 0.3064, 0.4046



51.3309, 0.2241, 0.2771

Rectangle

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



51.3309, 0.3131, 0.2667



51.3309, 0.3890, 0.3186



51.3309, 0.3064, 0.4046



51.3309, 0.2408, 0.3330

Sweetspot

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



51.3331, 0.3131, 0.2667



88.9564, 0.3129, 0.3118



45.4029, 0.2704, 0.2632



18.8469, 0.3129, 0.3103



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.



51.3331, 0.3131, 0.2667



59.7599, 0.3131, 0.2534



50.5420, 0.3361, 0.2929



14.5743, 0.3130, 0.3058



11.6747, 0.3077, 0.1469



0.8747, 0.3098, 0.1480

Inverse Universe

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



49.2633, 0.3624, 0.3257



56.7004, 0.3769, 0.3249



68.8387, 0.2946, 0.3682



14.3803, 0.3284, 0.3278



9.5449, 0.6343, 0.3268



0.7097, 0.6184, 0.3180

Previews

White Background



This preview shows how the Yxy color 51.3309, 0.3131, 0.2667 looks on a white background.

Color Contrast Check

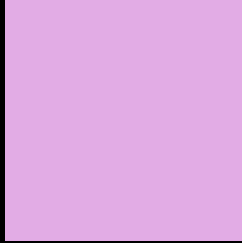
Large Text (above 18pt) WCAG AA × Fail

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 51.3309, 0.3131, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

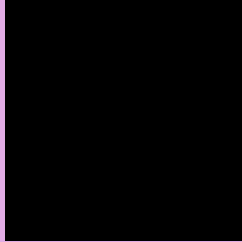
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3309, 0.3131, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 51.3309, 0.3131, 0.2667.



This preview shows how white text looks on a background with the Yxy color 51.3309, 0.3131, 0.2667.

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

51.3309, 0.3131, 0.2667

Protanopia

51.6048, 0.2685, 0.2672

Deuteranopia

51.6852, 0.2874, 0.2815



Tritanopia

51.4626, 0.3378, 0.3129

Trichromacy



Original Color

51.3309, 0.3131, 0.2667

Protanomaly

51.1141, 0.2834, 0.2664

Deuteranomaly

51.4312, 0.2966, 0.2759

Tritanomaly

51.1949, 0.3290, 0.2950

Monochromacy



Original Color

51.3309, 0.3131, 0.2667

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.1675, 0.3130, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3309, 0.3131, 0.2667 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(226, 172, 229)` looks like.

```
.text, #text, p{  
    color:rgb(226, 172, 229)  
}
```

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(226, 172, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 172, 229) }
```

Border

The CSS property to change the border of an element to Yxy 51.3309, 0.3131, 0.2667 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(226, 172, 229) }
```

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

```
.border{ border-color:rgb(226, 172, 229) }
```

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

Here you see how a box with a 4 pixel rgb(226, 172, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 172, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 172, 229);  
box-shadow:4px 4px 4px 4px rgb(226, 172,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3309, 0.3131, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 172, 229) }
```

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

```
.background{ background-color: rgb(226,  
172, 229) }
```

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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