

Converting Colors

Yxy(51.8057, 0.3416, 0.2936)

Have a look what the booklet for
Yxy(51.8057, 0.3416, 0.2936)
contains.

Yxy(51.7457, 0.3417, 0.2929)	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(51.7457, 0.3417, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	ECACCD
RGB	236, 172, 205
RGB Percent	93%, 67%, 80%
CMY	0.0744, 0.3255, 0.1961
CMYK	0.00, 0.27, 0.13, 0.07
HSL	329°, 63%, 80%
HSV	329°, 27%, 93%
XYZ	60.3670, 51.7457, 64.5540
YIQ	194.8980, 27.5510, 23.8310

Conversions

Conversions Part 2

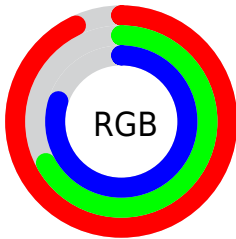
Format	Color
R _Y B	236, 172, 205
Decimal	15510733
CIE Lab	77.13, 28.37, -7.45
CIE LCh	77, 29.336, 345.289
Yxy	51.7457, 0.3417, 0.2929
Android (android.graphics.Color)	4293700813 (0xFFECACCD)
YUV	194.8980, 4.9803, 36.0465
Hunter-Lab	71.9345, 23.9109, -2.8527

Details

The Yxy color **51.7457, 0.3417, 0.2929** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.0859, 0.2912, 0.3683**, and the grayscale version is **54.4684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **25.0117, 0.3486, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **43.0155, 0.3564, 0.2791**, and if you desaturate by 10%, it is **62.1163, 0.3293, 0.3067**.

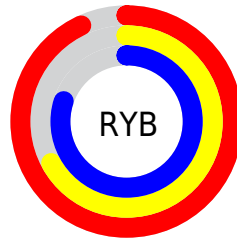
Distribution



Red (93%)

Green (67%)

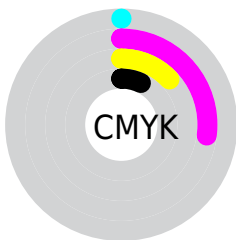
Blue (80%)



Red (93%)

Yellow (67%)

Blue (80%)

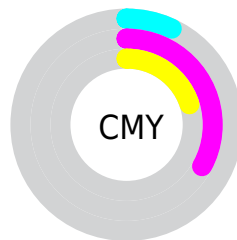


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7457, 0.3417, 0.2929 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 51.7457, 0.3417, 0.2929 by changing the saturation by 10% instead.


 51.7457, 0.3417,
0.2929

 51.7457, 0.3417,
0.2929


393.4541, 0.3277,
0.3101

 36.8024, 0.3450,
0.2888


 92.7561, 0.3367,
0.2990

 25.0545, 0.3493,
0.2837


119.5920, 0.3348,
0.3013

 16.1177, 0.3547,
0.2772


151.1609, 0.3332,
0.3033

 9.6075, 0.3621,
0.2684

187.8472, 0.3318,
0.3050

 5.1395, 0.3727,
0.2561

230.0352, 0.3306,
0.3066

 2.3293, 0.3889,
0.2375

278.1095, 0.3295,

 0.7892, 0.4171,

0.3079

0.2061

332.4543, 0.3286,
0.3091

0.0000, 0.6909,
0.0000

0.0000, 0.0000,
0.0000

51.7457, 0.3417,
0.2929

51.7457, 0.3417,
0.2929

43.0155, 0.3564,
0.2791

62.1163, 0.3293,
0.3067

35.8334, 0.3737,
0.2659

74.1994, 0.3190,
0.3200

30.1086, 0.3934,
0.2543

88.0710, 0.3104,
0.3325

25.7380, 0.4154,
0.2454

96.3054, 0.3035,
0.3332

■ 22.6047, 0.4389,
0.2406

■ 96.5761, 0.3011,
0.3290

■ 20.5717, 0.4629,
0.2408

■ 19.4615, 0.4861,
0.2466

■ 19.2316, 0.4927,
0.2488

Harmonies

Analogous

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



51.7457, 0.3014, 0.2724



51.7457, 0.3417, 0.2929



51.7457, 0.3755, 0.3221

Triad

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



51.7457, 0.3417, 0.2929



51.7457, 0.3579, 0.3992



51.7457, 0.2399, 0.2957

Complementary

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



51.7457, 0.3417, 0.2929



73.0859, 0.2912, 0.3683

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.



51.7457, 0.2530, 0.3314



51.7457, 0.3417, 0.2929



51.7457, 0.3201, 0.3952

Square

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



51.7457, 0.3417, 0.2929



51.7457, 0.3845, 0.3829



51.7457, 0.2818, 0.3694



51.7457, 0.2447, 0.2723

Rectangle

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



51.7457, 0.3417, 0.2929



51.7457, 0.3886, 0.3436



51.7457, 0.2818, 0.3694



51.7457, 0.2423, 0.3066

Sweetspot

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



51.7480, 0.3417, 0.2929



87.0472, 0.3198, 0.3188



48.2505, 0.2891, 0.2559



18.1434, 0.3213, 0.3168



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.



51.7480, 0.3417, 0.2929



55.1949, 0.3503, 0.2846



50.3607, 0.3706, 0.3280



15.1837, 0.3212, 0.3169



10.6252, 0.4892, 0.2468



0.8538, 0.4595, 0.2305

Inverse Universe

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



51.7480, 0.3417, 0.2929



55.1949, 0.3503, 0.2846



74.7679, 0.2737, 0.3301



15.1837, 0.3212, 0.3169



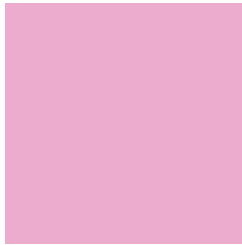
10.6252, 0.4892, 0.2468



0.8538, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 51.7457, 0.3417, 0.2929 looks on a white background.

Color Contrast Check

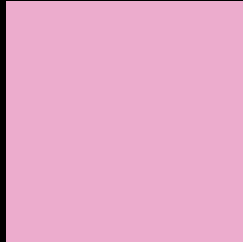
Large Text (above 18pt) WCAG AA × Fail

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 51.7457, 0.3417, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

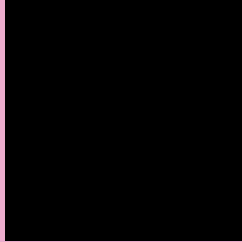
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7457, 0.3417, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 51.7457, 0.3417, 0.2929.



This preview shows how white text looks on a background with the Yxy color 51.7457, 0.3417, 0.2929.

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

51.7457, 0.3417, 0.2929

Protanopia

51.9179, 0.2914, 0.2962

Deuteranopia

51.8471, 0.3146, 0.3075



Tritanopia

51.7832, 0.3544, 0.3146

Trichromacy



Original Color

51.7457, 0.3417, 0.2929

Protanomaly

51.5996, 0.3085, 0.2949

Deuteranomaly

51.6011, 0.3242, 0.3012

Tritanomaly

51.8293, 0.3501, 0.3069

Monochromacy



Original Color

51.7457, 0.3417, 0.2929

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3658, 0.3225, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7457, 0.3417, 0.2929 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(236, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 205)  
}
```

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(236, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.7457, 0.3417, 0.2929 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(236, 172, 205) }
```

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

```
.border{ border-color:rgb(236, 172, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7457, 0.3417, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 205) }
```

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

```
.background{ background-color: rgb(236,  
172, 205) }
```

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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