

Converting Colors

Yxy(61.4599, 0.3220, 0.2999)

Have a look what the booklet for
Yxy(61.4599, 0.3220, 0.2999)
contains.

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Color

Yxy(61.4599, 0.3220, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	E8C3DE
RGB	232, 195, 222
RGB Percent	91%, 76%, 87%
CMY	0.0900, 0.2353, 0.1294
CMYK	0.00, 0.16, 0.04, 0.09
HSL	316°, 45%, 84%
HSV	316°, 16%, 91%
XYZ	65.9890, 61.4599, 77.4858
YIQ	209.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

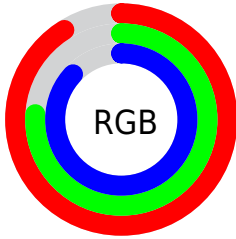
Format	Color
R _Y B	232, 195, 222
Decimal	15254494
CIE Lab	82.63, 17.63, -8.52
CIE LCh	83, 19.579, 334.216
Yxy	61.4599, 0.3220, 0.2999
Android (android.graphics.Color)	4293444574 (0xFFE8C3DE)
YUV	209.1410, 6.3395, 20.0473
Hunter-Lab	78.3964, 13.0560, -3.7239

Details

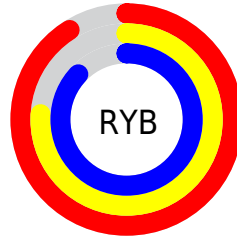
The Yxy color **61.4599, 0.3220, 0.2999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7510, 0.3046, 0.3600**, and the grayscale version is **63.8125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **31.0699, 0.3239, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **51.5289, 0.3291, 0.2809**, and if you desaturate by 10%, it is **73.0247, 0.3159, 0.3184**.

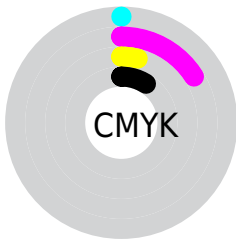
Distribution



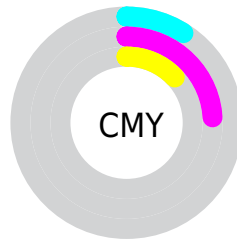
- Red (91%)
- Green (76%)
- Blue (87%)



- Red (91%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (9%)




- Cyan (9%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4599, 0.3220, 0.2999 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 61.4599, 0.3220, 0.2999 by changing the saturation by 10% instead.


 61.4599, 0.3220,
0.2999

 61.4599, 0.3220,
0.2999


429.9582, 0.3177,
0.3135

 44.5964, 0.3230,
0.2968

 106.9446, 0.3205,
0.3046

 31.1397, 0.3242,
0.2929


136.3345, 0.3199,
0.3064

 20.7052, 0.3257,
0.2880


170.6688, 0.3195,
0.3080

 12.9087, 0.3276,
0.2816

210.3317, 0.3190,
0.3094

 7.3657, 0.3303,
0.2727

255.7078, 0.3186,
0.3106

 3.6918, 0.3341,
0.2599

307.1813, 0.3183,

 1.5027, 0.3399,

0.3117

0.2396

365.1366, 0.3180,
0.3126

0.2906, 0.3701,
0.1522

0.0000, 0.0000,
0.0000

61.4599, 0.3220,
0.2999

61.4599, 0.3220,
0.2999

51.5289, 0.3291,
0.2809

73.0247, 0.3159,
0.3184

43.1491, 0.3373,
0.2620

86.2849, 0.3107,
0.3360

36.2427, 0.3464,
0.2440

95.0277, 0.3066,
0.3431

30.7223, 0.3566,
0.2277

95.4103, 0.3031,
0.3368

■ 26.4908, 0.3675,
0.2142

■ 95.8061, 0.2996,
0.3305

■ 23.4386, 0.3787,
0.2047

■ 95.9039, 0.2988,
0.3290

■ 21.4380, 0.3901,
0.1998

■ 20.3308, 0.4010,
0.1998

■ 20.0315, 0.4054,
0.2007

Harmonies

Analogous

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



61.4599, 0.2969, 0.2893



61.4599, 0.3220, 0.2999



61.4599, 0.3454, 0.3176

Triad

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



61.4599, 0.3220, 0.2999



61.4599, 0.3490, 0.3709



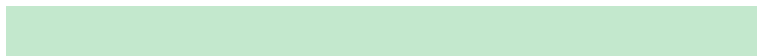
61.4599, 0.2677, 0.3164

Complementary

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



61.4599, 0.3220, 0.2999



73.7510, 0.3046, 0.3600

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.



61.4599, 0.2806, 0.3399



61.4599, 0.3220, 0.2999



61.4599, 0.3272, 0.3724

Square

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



61.4599, 0.3220, 0.2999



61.4599, 0.3612, 0.3581



61.4599, 0.3021, 0.3610



61.4599, 0.2664, 0.2978

Rectangle

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



61.4599, 0.3220, 0.2999



61.4599, 0.3564, 0.3314



61.4599, 0.3021, 0.3610



61.4599, 0.2708, 0.3240

Sweetspot

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



61.4626, 0.3220, 0.2999



91.9123, 0.3154, 0.3201



57.8150, 0.2940, 0.2870



19.4389, 0.3158, 0.3188



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.



61.4626, 0.3220, 0.2999



72.0699, 0.3241, 0.2940



60.5313, 0.3361, 0.3196



14.5450, 0.3179, 0.3120



11.1377, 0.4037, 0.1998



0.8384, 0.3889, 0.1916

Inverse Universe

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



61.4626, 0.3220, 0.2999



72.0699, 0.3241, 0.2940



74.6904, 0.2936, 0.3387



14.5450, 0.3179, 0.3120



11.1377, 0.4037, 0.1998



0.8384, 0.3889, 0.1916

Previews

White Background



This preview shows how the Yxy color 61.4599, 0.3220, 0.2999 looks on a white background.

Color Contrast Check

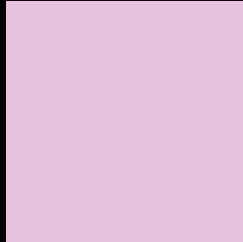
Large Text (above 18pt) WCAG AA × Fail

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 61.4599, 0.3220, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

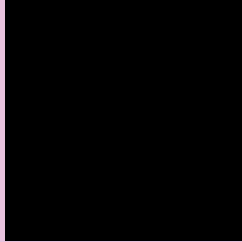
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4599, 0.3220, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 61.4599, 0.3220, 0.2999.



This preview shows how white text looks on a background with the Yxy color 61.4599, 0.3220, 0.2999.

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

61.4599, 0.3220, 0.2999

Protanopia

61.4837, 0.2955, 0.3017

Deuteranopia

61.5891, 0.3123, 0.3057



Tritanopia

61.6749, 0.3285, 0.3127

Trichromacy



Original Color

61.4599, 0.3220, 0.2999

Protanomaly

61.5604, 0.3049, 0.3011

Deuteranomaly

61.4559, 0.3162, 0.3037

Tritanomaly

61.4266, 0.3256, 0.3073

Monochromacy



Original Color

61.4599, 0.3220, 0.2999

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7925, 0.3155, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4599, 0.3220, 0.2999 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(232, 195, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 222)  
}
```

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(232, 195, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.4599, 0.3220, 0.2999 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(232, 195, 222) }
```

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

```
.border{ border-color:rgb(232, 195, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4599, 0.3220, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 222) }
```

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

```
.background{ background-color: rgb(232,  
195, 222) }
```

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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