

Converting Colors

Yxy(61.9849, 0.3205, 0.2910)

Have a look what the booklet for
Yxy(61.9849, 0.3205, 0.2910)
contains.

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Color

Yxy(61.8016, 0.3208, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	EDC1E5
RGB	237, 193, 229
RGB Percent	93%, 76%, 90%
CMY	0.0706, 0.2431, 0.1021
CMYK	0.00, 0.19, 0.03, 0.07
HSL	311°, 55%, 84%
HSV	311°, 19%, 93%
XYZ	68.1304, 61.8016, 82.4446
YIQ	210.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

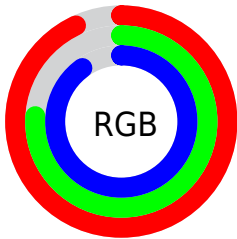
Format	Color
R _{YB}	237, 193, 229
Decimal	15581669
CIE _{Lab}	82.81, 21.58, -11.93
CIE _{LCh}	83, 24.660, 331.062
Yxy	61.8016, 0.3208, 0.2910
Android (android.graphics.Color)	4293771749 (0xFFEDC1E5)
YUV	210.2600, 9.2388, 23.4510
Hunter-Lab	78.6140, 17.1216, -7.1492

Details

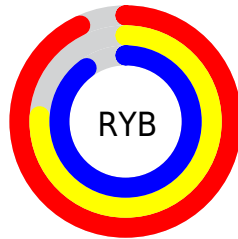
The Yxy color **61.8016, 0.3208, 0.2910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1176, 0.3056, 0.3702**, and the grayscale version is **64.5596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.3450, 0.3223, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **51.9133, 0.3261, 0.2699**, and if you desaturate by 10%, it is **73.3802, 0.3162, 0.3118**.

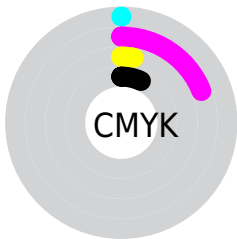
Distribution



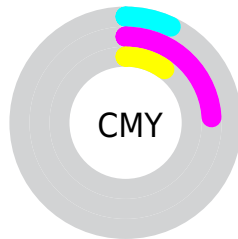
- Red (93%)
- Green (76%)
- Blue (90%)



- Red (93%)
- Yellow (76%)
- Blue (90%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8016, 0.3208, 0.2910 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 61.8016, 0.3208, 0.2910 by changing the saturation by 10% instead.


 61.8016, 0.3208,
0.2910

 61.8016, 0.3208,
0.2910

431.2070, 0.3172,
0.3085

 44.8724, 0.3216,
0.2870


 107.4387, 0.3196,
0.2971

 31.3569, 0.3225,
0.2821


136.9155, 0.3191,
0.2994

 20.8708, 0.3237,
0.2759


171.3435, 0.3187,
0.3015

 13.0296, 0.3252,
0.2678


211.1072, 0.3183,
0.3033

 7.4489, 0.3271,
0.2568

256.5911, 0.3180,
0.3048

 3.7444, 0.3297,
0.2410

308.1794, 0.3177,

 1.5316, 0.3331,

0.3062

0.2167

366.2566, 0.3174,
0.3074

0.3108, 0.3543,
0.1339

0.0000, 0.0000,
0.0000

61.8016, 0.3208,
0.2910

61.8016, 0.3208,
0.2910

51.9133, 0.3261,
0.2699

73.3802, 0.3162,
0.3118

43.6273, 0.3320,
0.2493

86.7155, 0.3122,
0.3318

36.8599, 0.3384,
0.2299

95.9285, 0.3091,
0.3420

31.5168, 0.3453,
0.2127

96.1910, 0.3066,
0.3376

■ 27.4930, 0.3524,
0.1989

■ 96.4597, 0.3042,
0.3333

■ 24.6687, 0.3596,
0.1892

■ 96.7347, 0.3018,
0.3291

■ 22.9028, 0.3665,
0.1841

■ 96.7419, 0.3017,
0.3290

■ 21.9901, 0.3732,
0.1834

■ 21.8876, 0.3741,
0.1835

Harmonies

Analogous

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



61.8016, 0.2897, 0.2790



61.8016, 0.3208, 0.2910



61.8016, 0.3511, 0.3120

Triad

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



61.8016, 0.3208, 0.2910



61.8016, 0.3604, 0.3804



61.8016, 0.2576, 0.3157

Complementary

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



61.8016, 0.3208, 0.2910



76.1176, 0.3056, 0.3702

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.



61.8016, 0.2748, 0.3457



61.8016, 0.3208, 0.2910



61.8016, 0.3338, 0.3847

Square

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



61.8016, 0.3208, 0.2910



61.8016, 0.3744, 0.3626



61.8016, 0.3024, 0.3719



61.8016, 0.2545, 0.2915

Rectangle

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



61.8016, 0.3208, 0.2910



61.8016, 0.3661, 0.3289



61.8016, 0.3024, 0.3719



61.8016, 0.2619, 0.3255

Sweetspot

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



61.8043, 0.3208, 0.2910



90.4454, 0.3151, 0.3170



56.5872, 0.2873, 0.2790



19.1463, 0.3154, 0.3156



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.



61.8043, 0.3208, 0.2910



68.6397, 0.3226, 0.2836



60.6867, 0.3372, 0.3132



15.2639, 0.3166, 0.3099



11.9695, 0.3731, 0.1829



0.9521, 0.3646, 0.1782

Inverse Universe

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



61.8043, 0.3208, 0.2910



68.6397, 0.3226, 0.2836



77.1907, 0.2931, 0.3454



15.2639, 0.3166, 0.3099



11.9695, 0.3731, 0.1829



0.9521, 0.3646, 0.1782

Previews

White Background



This preview shows how the Yxy color 61.8016, 0.3208, 0.2910 looks on a white background.

Color Contrast Check

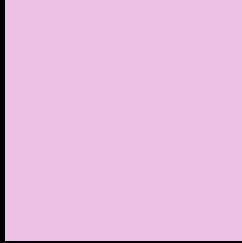
Large Text (above 18pt) WCAG AA × Fail

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 61.8016, 0.3208, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

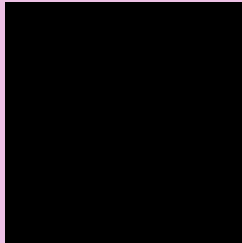
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8016, 0.3208, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 61.8016, 0.3208, 0.2910.



This preview shows how white text looks on a background with the Yxy color 61.8016, 0.3208, 0.2910.

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

61.8016, 0.3208, 0.2910

Protanopia

62.1946, 0.2883, 0.2930

Deuteranopia

62.0711, 0.3065, 0.3002



Tritanopia

61.8452, 0.3326, 0.3128

Trichromacy



Original Color

61.8016, 0.3208, 0.2910

Protanomaly

62.0099, 0.2995, 0.2926

Deuteranomaly

61.8369, 0.3112, 0.2963

Tritanomaly

61.9250, 0.3281, 0.3044

Monochromacy



Original Color

61.8016, 0.3208, 0.2910

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4111, 0.3157, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8016, 0.3208, 0.2910 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(237, 193, 229)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 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(237, 193, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 229) }
```

Border

The CSS property to change the border of an element to Yxy 61.8016, 0.3208, 0.2910 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(237, 193, 229) }
```

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

```
.border{ border-color:rgb(237, 193, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8016, 0.3208, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 229) }
```

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

```
.background{ background-color: rgb(237,  
193, 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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