

Converting Colors

Yxy(61.8854, 0.3009, 0.2790)

Have a look what the booklet for
Yxy(61.8854, 0.3009, 0.2790)
contains.

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Color

Yxy(61.7982, 0.3007, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	E0C4F3
RGB	224, 196, 243
RGB Percent	88%, 77%, 95%
CMY	0.1216, 0.2313, 0.0471
CMYK	0.08, 0.19, 0.00, 0.05
HSL	276°, 66%, 86%
HSV	276°, 19%, 95%
XYZ	66.6525, 61.7982, 93.2071
YIQ	209.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

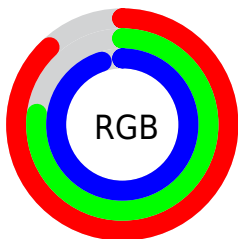
Format	Color
R _Y B	224, 196, 243
Decimal	14730483
CIE Lab	82.81, 18.33, -19.55
CIE LCh	83, 26.796, 313.162
Yxy	61.7982, 0.3007, 0.2788
Android (android.graphics.Color)	4292920563 (0xFFE0C4F3)
YUV	209.7300, 16.4021, 12.5148
Hunter-Lab	78.6118, 13.7738, -15.2697

Details

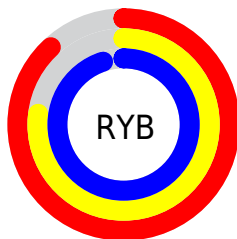
The Yxy color **61.7982, 0.3007, 0.2788** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.5384, 0.3227, 0.3803**, and the grayscale version is **64.1525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.2587, 0.2967, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **50.1847, 0.2929, 0.2506**, and if you desaturate by 10%, it is **75.2832, 0.3074, 0.3056**.

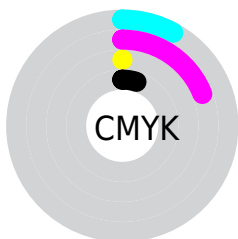
Distribution



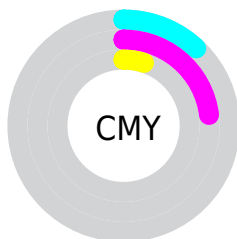
- Red (88%)
- Green (77%)
- Blue (95%)



- Red (88%)
- Yellow (77%)
- Blue (95%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)





- Cyan (12%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7982, 0.3007, 0.2788 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 61.7982, 0.3007, 0.2788 by changing the saturation by 10% instead.

 61.7982, 0.3007,
0.2788

 61.7982, 0.3007,
0.2788


431.1946, 0.3067,
0.3018

 44.8697, 0.2992,
0.2736


107.4338, 0.3029,
0.2867

 31.3548, 0.2974,
0.2672

136.9097, 0.3037,
0.2898

 20.8691, 0.2949,
0.2592


171.3368, 0.3044,
0.2925

 13.0284, 0.2916,
0.2488

211.0995, 0.3050,
0.2949

 7.4481, 0.2868,
0.2348

256.5823, 0.3055,
0.2969

 3.7439, 0.2794,
0.2152

308.1694, 0.3059,

 1.5313, 0.2669,

0.2987

0.1858

366.2454, 0.3063,
0.3004

0.3106, 0.2506,
0.1048

0.0000, 0.0000,
0.0000

61.7982, 0.3007,
0.2788

61.7982, 0.3007,
0.2788

50.1847, 0.2929,
0.2506

75.2832, 0.3074,
0.3056

40.3480, 0.2841,
0.2219

90.7128, 0.3131,
0.3306

32.1968, 0.2742,
0.1934

98.9654, 0.3187,
0.3406

25.6282, 0.2636,
0.1667

99.2510, 0.3197,
0.3405

■ 20.5280, 0.2526,
0.1429

■ 16.7657, 0.2416,
0.1234

■ 14.1869, 0.2310,
0.1089

■ 12.5520, 0.2212,
0.0994

■ 12.4576, 0.2206,
0.0989

Harmonies

Analogous

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



61.7982, 0.2709, 0.2731



61.7982, 0.3007, 0.2788



61.7982, 0.3354, 0.2961

Triad

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



61.7982, 0.3007, 0.2788



61.7982, 0.3757, 0.3744



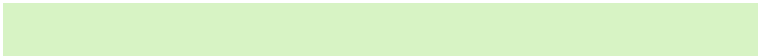
61.7982, 0.2624, 0.3337

Complementary

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



61.7982, 0.3007, 0.2788



82.5384, 0.3227, 0.3803

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.



61.7982, 0.2884, 0.3656



61.7982, 0.3007, 0.2788



61.7982, 0.3540, 0.3889

Square

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



61.7982, 0.3007, 0.2788



61.7982, 0.3801, 0.3495



61.7982, 0.3218, 0.3863



61.7982, 0.2498, 0.3026

Rectangle

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



61.7982, 0.3007, 0.2788



61.7982, 0.3564, 0.3123



61.7982, 0.3218, 0.3863



61.7982, 0.2698, 0.3449

Sweetspot

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



61.8008, 0.3007, 0.2788



89.4679, 0.3094, 0.3141



67.1107, 0.2819, 0.2984



18.9148, 0.3090, 0.3125



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.



61.8008, 0.3007, 0.2788



63.8900, 0.2979, 0.2684



64.7772, 0.3178, 0.2847



16.4143, 0.3073, 0.3052



6.9180, 0.2221, 0.0997



0.6679, 0.2341, 0.1064

Inverse Universe

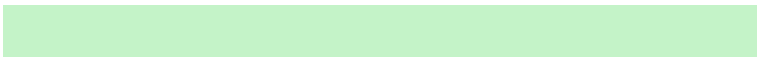
The Inverse Universe completely reimagines the original color for something new.



63.4482, 0.3359, 0.3090



66.0701, 0.3415, 0.3049



80.0046, 0.3079, 0.3777



16.5937, 0.3230, 0.3195



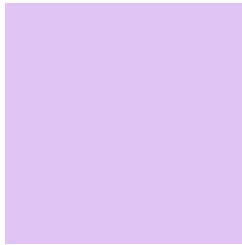
10.9707, 0.5360, 0.2726



0.9840, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 61.7982, 0.3007, 0.2788 looks on a white background.

Color Contrast Check

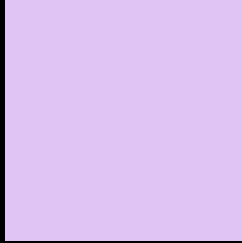
Large Text (above 18pt) WCAG AA × Fail

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 61.7982, 0.3007, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

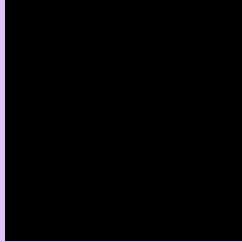
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7982, 0.3007, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 61.7982, 0.3007, 0.2788.



This preview shows how white text looks on a background with the Yxy color 61.7982, 0.3007, 0.2788.

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

61.7982, 0.3007, 0.2788

Protanopia

61.8956, 0.2781, 0.2789

Deuteranopia

61.7394, 0.2906, 0.2838



Tritanopia

61.9468, 0.3166, 0.3123

Trichromacy



Original Color

61.7982, 0.3007, 0.2788

Protanomaly

61.7541, 0.2860, 0.2785

Deuteranomaly

61.5538, 0.2941, 0.2820

Tritanomaly

61.7100, 0.3103, 0.2993

Monochromacy



Original Color

61.7982, 0.3007, 0.2788

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3836, 0.3084, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7982, 0.3007, 0.2788 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(224, 196, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 243)  
}
```

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(224, 196, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 243) }
```

Border

The CSS property to change the border of an element to Yxy 61.7982, 0.3007, 0.2788 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(224, 196, 243) }
```

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

```
.border{ border-color:rgb(224, 196, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 196, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7982, 0.3007, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 243) }
```

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

```
.background{ background-color: rgb(224,  
196, 243) }
```

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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