

Converting Colors

Yxy(61.2966, 0.3290, 0.2979)

Have a look what the booklet for
Yxy(61.2966, 0.3290, 0.2979)
contains.

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Color

Yxy(61.4450, 0.3293, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	F0C0DD
RGB	240, 192, 221
RGB Percent	94%, 75%, 87%
CMY	0.0589, 0.2470, 0.1332
CMYK	0.00, 0.20, 0.08, 0.06
HSL	324°, 61%, 85%
HSV	324°, 20%, 94%
XYZ	67.8305, 61.4450, 76.7084
YIQ	209.6580, 19.2990, 19.1950

Conversions

Conversions Part 2

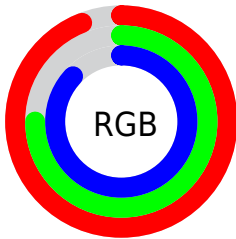
Format	Color
RYB	240, 192, 221
Decimal	15778013
CIELab	82.62, 21.74, -7.93
CIELCh	83, 23.146, 339.962
Yxy	61.4450, 0.3293, 0.2983
Android (android.graphics.Color)	4293968093 (0xFFF0C0DD)
YUV	209.6580, 5.5916, 26.6099
Hunter-Lab	78.3869, 17.2844, -3.1497

Details

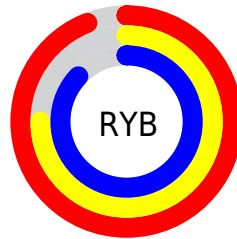
The Yxy color **61.4450, 0.3293, 0.2983** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2117, 0.2991, 0.3618**, and the grayscale version is **64.1671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.1205, 0.3338, 0.2907** is the 20% darker color. If you saturate the color by 10%, you get **51.2625, 0.3400, 0.2822**, and if you desaturate by 10%, it is **73.3795, 0.3203, 0.3140**.

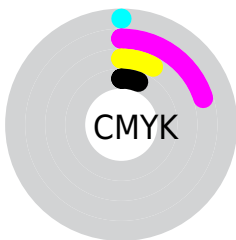
Distribution



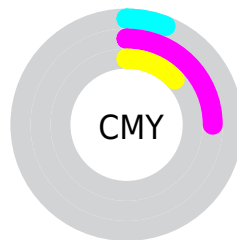
- Red (94%)
- Green (75%)
- Blue (87%)



- Red (94%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (6%)




- Cyan (6%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4450, 0.3293, 0.2983 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 61.4450, 0.3293, 0.2983 by changing the saturation by 10% instead.


 61.4450, 0.3293,
0.2983

 61.4450, 0.3293,
0.2983

429.9037, 0.3216,
0.3126

 44.5844, 0.3311,
0.2950


 106.9230, 0.3266,
0.3033

 31.1302, 0.3333,
0.2910


136.3092, 0.3256,
0.3052

 20.6980, 0.3361,
0.2858


170.6393, 0.3247,
0.3068

 12.9034, 0.3398,
0.2791


210.2979, 0.3239,
0.3083

 7.3621, 0.3449,
0.2698

255.6692, 0.3232,
0.3096

 3.6896, 0.3523,
0.2564


307.1377, 0.3226,

 1.5015, 0.3640,

0.3107

0.2353


365.0877, 0.3221,
0.3117


 0.2898, 0.4101,
0.1474

 0.0000, 0.0000,
0.0000


 61.4450, 0.3293,
0.2983

 61.4450, 0.3293,
0.2983


 51.2625, 0.3400,
0.2822


 73.3795, 0.3203,
0.3140


 42.7403, 0.3525,
0.2663

 87.1359, 0.3127,
0.3290

 35.7905, 0.3668,
0.2514

 96.9085, 0.3066,
0.3344

 30.3140, 0.3828,
0.2385

 97.2599, 0.3035,
0.3290

■ 26.2000, 0.4003,
0.2287

■ 23.3222, 0.4185,
0.2234

■ 21.5300, 0.4368,
0.2232

■ 20.5708, 0.4546,
0.2278

■ 20.5695, 0.4547,
0.2278

Harmonies

Analogous

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



61.4450, 0.2993, 0.2841



61.4450, 0.3293, 0.2983



61.4450, 0.3557, 0.3200

Triad

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



61.4450, 0.3293, 0.2983



61.4450, 0.3512, 0.3801



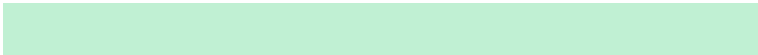
61.4450, 0.2584, 0.3090

Complementary

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



61.4450, 0.3293, 0.2983



78.2117, 0.2991, 0.3618

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.



61.4450, 0.2710, 0.3363



61.4450, 0.3293, 0.2983



61.4450, 0.3240, 0.3793

Square

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



61.4450, 0.3293, 0.2983



61.4450, 0.3684, 0.3667



61.4450, 0.2947, 0.3629



61.4450, 0.2596, 0.2890

Rectangle

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



61.4450, 0.3293, 0.2983



61.4450, 0.3671, 0.3364



61.4450, 0.2947, 0.3629



61.4450, 0.2611, 0.3176

Sweetspot

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



61.4477, 0.3293, 0.2983



90.2405, 0.3171, 0.3201



57.7556, 0.2927, 0.2759



19.0978, 0.3176, 0.3191



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.



61.4477, 0.3293, 0.2983



65.5141, 0.3335, 0.2917



60.2852, 0.3479, 0.3230



15.9195, 0.3199, 0.3148



11.2902, 0.4519, 0.2263



0.9588, 0.4300, 0.2142

Inverse Universe

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



61.4477, 0.3293, 0.2983



65.5141, 0.3335, 0.2917



79.4727, 0.2859, 0.3351



15.9195, 0.3199, 0.3148



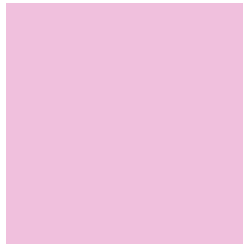
11.2902, 0.4519, 0.2263



0.9588, 0.4300, 0.2142

Previews

White Background



This preview shows how the Yxy color 61.4450, 0.3293, 0.2983 looks on a white background.

Color Contrast Check

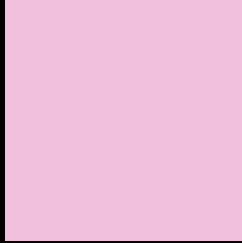
Large Text (above 18pt) WCAG AA × Fail

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 61.4450, 0.3293, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

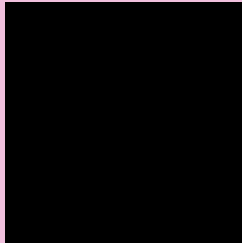
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4450, 0.3293, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 61.4450, 0.3293, 0.2983.



This preview shows how white text looks on a background with the Yxy color 61.4450, 0.3293, 0.2983.

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

61.4450, 0.3293, 0.2983

Protanopia

61.5394, 0.2948, 0.3006

Deuteranopia

61.6915, 0.3138, 0.3068



Tritanopia

61.3642, 0.3369, 0.3129

Trichromacy



Original Color

61.4450, 0.3293, 0.2983

Protanomaly

61.3985, 0.3065, 0.3001

Deuteranomaly

61.4307, 0.3194, 0.3039

Tritanomaly

61.2947, 0.3347, 0.3076

Monochromacy



Original Color

61.4450, 0.3293, 0.2983

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.9391, 0.3187, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4450, 0.3293, 0.2983 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(240, 192, 221)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 221)  
}
```

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(240, 192, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 221) }
```

Border

The CSS property to change the border of an element to Yxy 61.4450, 0.3293, 0.2983 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(240, 192, 221) }
```

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

```
.border{ border-color:rgb(240, 192, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4450, 0.3293, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 221) }
```

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

```
.background{ background-color: rgb(240,  
192, 221) }
```

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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