

Converting Colors

$Y_{xy}(60.8400, 0.3296, 0.2968)$

Have a look what the booklet for
Yxy(60.8400, 0.3296, 0.2968)
contains.

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Color

Yxy(61.0073, 0.3294, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	F0BFDD
RGB	240, 191, 221
RGB Percent	94%, 75%, 87%
CMY	0.0589, 0.2510, 0.1332
CMYK	0.00, 0.20, 0.08, 0.06
HSL	323°, 62%, 85%
HSV	323°, 20%, 94%
XYZ	67.6171, 61.0073, 76.6491
YIQ	209.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

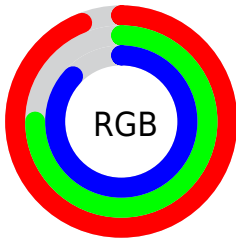
Format	Color
R _Y B	240, 191, 221
Decimal	15777757
CIE Lab	82.38, 22.29, -8.29
CIE LCh	82, 23.779, 339.598
Yxy	61.0073, 0.3294, 0.2972
Android (android.graphics.Color)	4293967837 (0xFFF0BFDD)
YUV	209.0710, 5.8810, 27.1247
Hunter-Lab	78.1072, 17.8393, -3.5082

Details

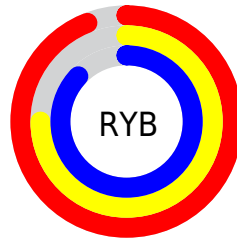
The Yxy color **61.0073, 0.3294, 0.2972** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0376, 0.2990, 0.3631**, and the grayscale version is **63.7626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **30.8348, 0.3340, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **50.9047, 0.3399, 0.2809**, and if you desaturate by 10%, it is **72.8575, 0.3205, 0.3132**.

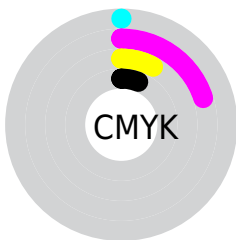
Distribution



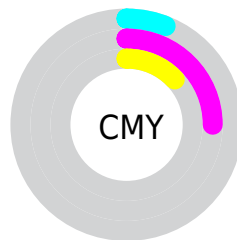
- Red (94%)
- Green (75%)
- Blue (87%)



- 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 61.0073, 0.3294, 0.2972 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 61.0073, 0.3294, 0.2972 by changing the saturation by 10% instead.

 61.0073, 0.3294,
0.2972

 61.0073, 0.3294,
0.2972

428.3008, 0.3216,
0.3120

 44.2311, 0.3312,
0.2938

 106.2895, 0.3267,
0.3023

 30.8522, 0.3334,
0.2896


135.5643, 0.3256,
0.3043

 20.4863, 0.3362,
0.2843


169.7740, 0.3247,
0.3061

 12.7490, 0.3399,
0.2773

209.3030, 0.3240,
0.3076

 7.2560, 0.3450,
0.2677

254.5359, 0.3233,
0.3089

 3.6227, 0.3524,
0.2538

305.8568, 0.3227,

 1.4648, 0.3642,

0.3100

363.6503, 0.3221,
0.3111

0.2319

0.2638, 0.4128,
0.1370

0.0000, 0.0000,
0.0000

61.0073, 0.3294,
0.2972

61.0073, 0.3294,
0.2972

50.9047, 0.3399,
0.2809

72.8575, 0.3205,
0.3132

42.4578, 0.3522,
0.2648

86.5254, 0.3130,
0.3284

35.5784, 0.3663,
0.2498

96.8745, 0.3070,
0.3350

30.1669, 0.3820,
0.2368

97.2622, 0.3035,
0.3290

■ 26.1121, 0.3990,
0.2271

■ 23.2867, 0.4168,
0.2217

■ 21.5391, 0.4346,
0.2216

■ 20.6347, 0.4512,
0.2259

Harmonies

Analogous

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



61.0073, 0.2986, 0.2827



61.0073, 0.3294, 0.2972



61.0073, 0.3567, 0.3194

Triad

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



61.0073, 0.3294, 0.2972



61.0073, 0.3526, 0.3815



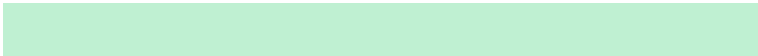
61.0073, 0.2569, 0.3086

Complementary

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



61.0073, 0.3294, 0.2972



78.0376, 0.2990, 0.3631

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.



61.0073, 0.2700, 0.3369



61.0073, 0.3294, 0.2972



61.0073, 0.3246, 0.3810

Square

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



61.0073, 0.3294, 0.2972



61.0073, 0.3702, 0.3675



61.0073, 0.2945, 0.3643



61.0073, 0.2580, 0.2880

Rectangle

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



61.0073, 0.3294, 0.2972



61.0073, 0.3686, 0.3362



61.0073, 0.2945, 0.3643



61.0073, 0.2598, 0.3175

Sweetspot

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



61.0100, 0.3294, 0.2972



90.2485, 0.3170, 0.3200



57.2247, 0.2922, 0.2746



19.0997, 0.3175, 0.3189



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.



61.0100, 0.3294, 0.2972



65.5431, 0.3331, 0.2912



59.8056, 0.3488, 0.3229



15.9218, 0.3197, 0.3146



11.3244, 0.4485, 0.2244



0.9615, 0.4272, 0.2127

Inverse Universe

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



61.0100, 0.3294, 0.2972



65.5431, 0.3331, 0.2912



79.3432, 0.2853, 0.3352



15.9218, 0.3197, 0.3146



11.3244, 0.4485, 0.2244



0.9615, 0.4272, 0.2127

Previews

White Background



This preview shows how the Yxy color 61.0073, 0.3294, 0.2972 looks on a white background.

Color Contrast Check

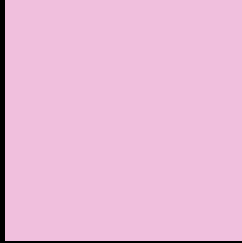
Large Text (above 18pt) WCAG AA × Fail

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 61.0073, 0.3294, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

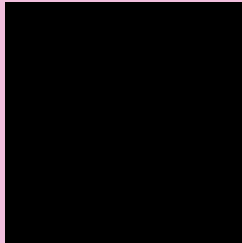
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0073, 0.3294, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 61.0073, 0.3294, 0.2972.



This preview shows how white text looks on a background with the Yxy color 61.0073, 0.3294, 0.2972.

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

61.0073, 0.3294, 0.2972

Protanopia

61.3994, 0.2941, 0.3005

Deuteranopia

61.0214, 0.3138, 0.3067



Tritanopia

60.8711, 0.3378, 0.3129

Trichromacy



Original Color

61.0073, 0.3294, 0.2972

Protanomaly

60.9368, 0.3065, 0.2990

Deuteranomaly

60.9781, 0.3194, 0.3028

Tritanomaly

60.8541, 0.3348, 0.3066

Monochromacy



Original Color

61.0073, 0.3294, 0.2972

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.2608, 0.3187, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0073, 0.3294, 0.2972 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, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 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, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 221) }
```

Border

The CSS property to change the border of an element to Yxy 61.0073, 0.3294, 0.2972 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, 191, 221) }
```

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

```
.border{ border-color:rgb(240, 191, 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, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0073, 0.3294, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 221) }
```

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

```
.background{ background-color: rgb(240,  
191, 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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