

Converting Colors

$Yxy(61.8183, 0.3278, 0.3036)$

Have a look what the booklet for
Yxy(61.8183, 0.3278, 0.3036)
contains.

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Color

Yxy(61.9250, 0.3281, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	ECC3DA
RGB	236, 195, 218
RGB Percent	93%, 76%, 85%
CMY	0.0747, 0.2352, 0.1451
CMYK	0.00, 0.17, 0.08, 0.07
HSL	326°, 52%, 85%
HSV	326°, 17%, 93%
XYZ	66.7464, 61.9250, 74.7616
YIQ	209.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

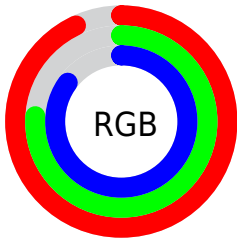
Format	Color
R _Y B	236, 195, 218
Decimal	15516634
CIE Lab	82.87, 18.25, -5.97
CIE LCh	83, 19.199, 341.881
Yxy	61.9250, 0.3281, 0.3044
Android (android.graphics.Color)	4293706714 (0xFFECC3DA)
YUV	209.8810, 4.0027, 22.9064
Hunter-Lab	78.6924, 13.6906, -1.2437

Details

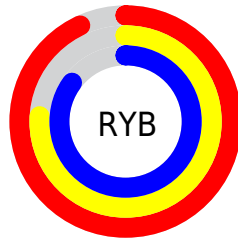
The Yxy color **61.9250, 0.3281, 0.3044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.3646, 0.2998, 0.3550**, and the grayscale version is **64.3299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **31.3974, 0.3322, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **51.6500, 0.3394, 0.2895**, and if you desaturate by 10%, it is **73.9099, 0.3186, 0.3189**.

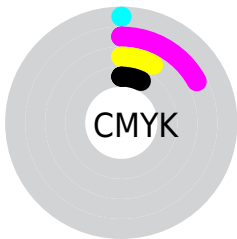
Distribution



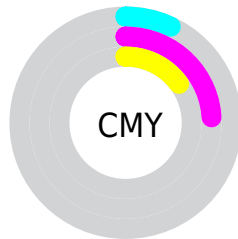
- Red (93%)
- Green (76%)
- Blue (85%)



- Red (93%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9250, 0.3281, 0.3044 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 61.9250, 0.3281, 0.3044 by changing the saturation by 10% instead.


 61.9250, 0.3281,
0.3044

 61.9250, 0.3281,
0.3044

431.6575, 0.3209,
0.3159

 44.9721, 0.3298,
0.3017


 107.6171, 0.3256,
0.3084

 31.4355, 0.3319,
0.2985


137.1251, 0.3246,
0.3100

 20.9307, 0.3345,
0.2943


171.5870, 0.3238,
0.3113

 13.0733, 0.3380,
0.2888


211.3871, 0.3230,
0.3125

 7.4791, 0.3429,
0.2812

256.9097, 0.3224,
0.3135

 3.7635, 0.3500,
0.2701

308.5394, 0.3218,

 1.5421, 0.3616,

0.3144

0.2524

366.6606, 0.3213,
0.3152

0.3181, 0.4087,
0.1739

0.0000, 0.0000,
0.0000

61.9250, 0.3281,
0.3044

61.9250, 0.3281,
0.3044

51.6500, 0.3394,
0.2895

73.9099, 0.3186,
0.3189

42.9977, 0.3527,
0.2745

87.6701, 0.3108,
0.3326

35.8858, 0.3682,
0.2602

96.1846, 0.3044,
0.3349

30.2214, 0.3858,
0.2476

96.5625, 0.3011,
0.3290

■ 25.9013, 0.4053,
0.2378

■ 22.8086, 0.4259,
0.2321

■ 20.8063, 0.4470,
0.2314

■ 19.7141, 0.4675,
0.2361

■ 19.5011, 0.4729,
0.2379

Harmonies

Analogous

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



61.9250, 0.3033, 0.2920



61.9250, 0.3281, 0.3044



61.9250, 0.3493, 0.3229

Triad

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



61.9250, 0.3281, 0.3044



61.9250, 0.3434, 0.3716



61.9250, 0.2672, 0.3114

Complementary

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



61.9250, 0.3281, 0.3044



76.3646, 0.2998, 0.3550

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.



61.9250, 0.2771, 0.3337



61.9250, 0.3281, 0.3044



61.9250, 0.3207, 0.3698

Square

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



61.9250, 0.3281, 0.3044



61.9250, 0.3582, 0.3615



61.9250, 0.2964, 0.3556



61.9250, 0.2689, 0.2951

Rectangle

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



61.9250, 0.3281, 0.3044



61.9250, 0.3582, 0.3367



61.9250, 0.2964, 0.3556



61.9250, 0.2692, 0.3184

Sweetspot

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



61.9277, 0.3281, 0.3044



91.7782, 0.3167, 0.3221



59.2059, 0.2972, 0.2837



19.4063, 0.3173, 0.3211



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.



61.9277, 0.3281, 0.3044



69.0420, 0.3321, 0.2988



60.9319, 0.3439, 0.3261



15.1957, 0.3205, 0.3159



10.7821, 0.4697, 0.2361



0.8659, 0.4434, 0.2216

Inverse Universe

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



61.9277, 0.3281, 0.3044



69.0420, 0.3321, 0.2988



77.4573, 0.2881, 0.3319



15.1957, 0.3205, 0.3159



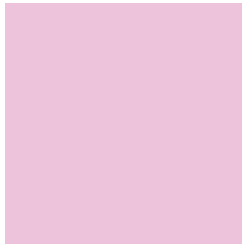
10.7821, 0.4697, 0.2361



0.8659, 0.4434, 0.2216

Previews

White Background



This preview shows how the Yxy color 61.9250, 0.3281, 0.3044 looks on a white background.

Color Contrast Check

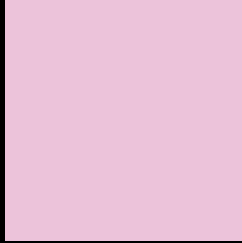
Large Text (above 18pt) WCAG AA × Fail

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 61.9250, 0.3281, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

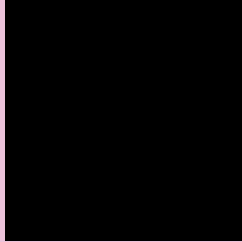
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9250, 0.3281, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 61.9250, 0.3281, 0.3044.



This preview shows how white text looks on a background with the Yxy color 61.9250, 0.3281, 0.3044.

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

61.9250, 0.3281, 0.3044

Protanopia

62.0236, 0.2996, 0.3074

Deuteranopia

61.8479, 0.3175, 0.3102



Tritanopia

61.8452, 0.3326, 0.3128

Trichromacy



Original Color

61.9250, 0.3281, 0.3044

Protanomaly

61.6461, 0.3092, 0.3056

Deuteranomaly

61.7288, 0.3215, 0.3082

Tritanomaly

61.9971, 0.3303, 0.3096

Monochromacy



Original Color

61.9250, 0.3281, 0.3044

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.5268, 0.3177, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9250, 0.3281, 0.3044 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(236, 195, 218)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 218)  
}
```

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(236, 195, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.9250, 0.3281, 0.3044 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(236, 195, 218) }
```

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

```
.border{ border-color:rgb(236, 195, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 218);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9250, 0.3281, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 218) }
```

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

```
.background{ background-color: rgb(236,  
195, 218) }
```

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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