

Converting Colors

$Y_{xy}(61.2119, 0.3252, 0.3042)$

Have a look what the booklet for
Yxy(61.2119, 0.3252, 0.3042)
contains.

Yxy(61.2480, 0.3250, 0.3041)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.2480, 0.3250, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	E8C3DA
RGB	232, 195, 218
RGB Percent	91%, 76%, 85%
CMY	0.0901, 0.2353, 0.1451
CMYK	0.00, 0.16, 0.06, 0.09
HSL	323°, 45%, 84%
HSV	323°, 16%, 91%
XYZ	65.4574, 61.2480, 74.7020
YIQ	208.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

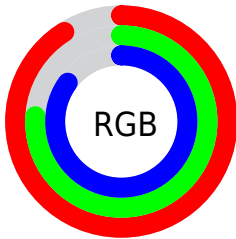
Format	Color
R _Y B	232, 195, 218
Decimal	15254490
CIE Lab	82.51, 16.93, -6.55
CIE LCh	83, 18.149, 338.853
Yxy	61.2480, 0.3250, 0.3041
Android (android.graphics.Color)	4293444570 (0xFFE8C3DA)
YUV	208.6850, 4.5923, 20.4473
Hunter-Lab	78.2611, 12.3401, -1.8109

Details

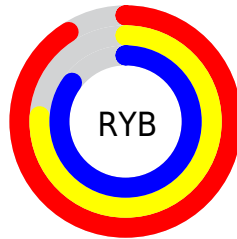
The Yxy color **61.2480, 0.3250, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9400, 0.3021, 0.3553**, and the grayscale version is **63.5106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.9242, 0.3280, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **51.2004, 0.3346, 0.2877**, and if you desaturate by 10%, it is **72.9410, 0.3169, 0.3199**.

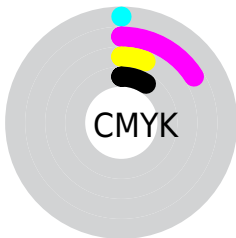
Distribution



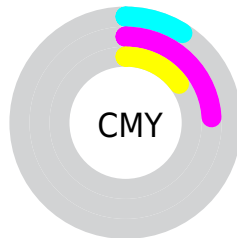
- Red (91%)
- Green (76%)
- Blue (85%)



- Red (91%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2480, 0.3250, 0.3041 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 61.2480, 0.3250, 0.3041 by changing the saturation by 10% instead.

 61.2480, 0.3250,
0.3041

 61.2480, 0.3250,
0.3041

429.1827, 0.3193,
0.3157

 44.4253, 0.3263,
0.3014


 106.6379, 0.3230,
0.3082

 31.0050, 0.3280,
0.2981

135.9740, 0.3222,
0.3097

 20.6027, 0.3301,
0.2938


170.2500, 0.3216,
0.3111

 12.8339, 0.3329,
0.2882

209.8503, 0.3210,
0.3123

 7.3143, 0.3367,
0.2805

255.1594, 0.3205,
0.3133

 3.6594, 0.3423,
0.2691


306.5615, 0.3200,

 1.4849, 0.3513,


0.3142


0.2510


364.4412, 0.3196,
0.3150


 0.2781, 0.3948,
0.1620


 0.0000, 0.0000,
0.0000


 61.2480, 0.3250,
0.3041


 61.2480, 0.3250,
0.3041


 51.2004, 0.3346,
0.2877


 72.9410, 0.3169,
0.3199

 42.7154, 0.3458,
0.2713

 86.3413, 0.3101,
0.3349

 35.7152, 0.3588,
0.2555

 95.2365, 0.3047,
0.3396

 30.1117, 0.3734,
0.2413

 95.7845, 0.2998,
0.3308

■ 25.8079, 0.3895,
0.2299

■ 95.9020, 0.2988,
0.3290

■ 22.6940, 0.4065,
0.2222

■ 20.6418, 0.4239,
0.2195

■ 19.4930, 0.4409,
0.2220

■ 19.1794, 0.4477,
0.2240

Harmonies

Analogous

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



61.2480, 0.3015, 0.2930



61.2480, 0.3250, 0.3041



61.2480, 0.3458, 0.3213

Triad

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



61.2480, 0.3250, 0.3041



61.2480, 0.3437, 0.3689



61.2480, 0.2699, 0.3143

Complementary

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



61.2480, 0.3250, 0.3041



73.9400, 0.3021, 0.3553

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.



61.2480, 0.2804, 0.3357



61.2480, 0.3250, 0.3041



61.2480, 0.3227, 0.3683

Square

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



61.2480, 0.3250, 0.3041



61.2480, 0.3567, 0.3585



61.2480, 0.2995, 0.3560



61.2480, 0.2704, 0.2981

Rectangle

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



61.2480, 0.3250, 0.3041



61.2480, 0.3549, 0.3344



61.2480, 0.2995, 0.3560



61.2480, 0.2722, 0.3212

Sweetspot

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



61.2507, 0.3250, 0.3041



91.8259, 0.3162, 0.3214



58.3484, 0.2967, 0.2873



19.4179, 0.3167, 0.3203



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.



61.2507, 0.3250, 0.3041



71.7615, 0.3278, 0.2990



60.3556, 0.3390, 0.3236



14.5178, 0.3196, 0.3145



10.6691, 0.4451, 0.2225



0.8063, 0.4221, 0.2099

Inverse Universe

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



61.2507, 0.3250, 0.3041



71.7615, 0.3278, 0.2990



74.8866, 0.2914, 0.3345



14.5178, 0.3196, 0.3145



10.6691, 0.4451, 0.2225



0.8063, 0.4221, 0.2099

Previews

White Background



This preview shows how the Yxy color 61.2480, 0.3250, 0.3041 looks on a white background.

Color Contrast Check

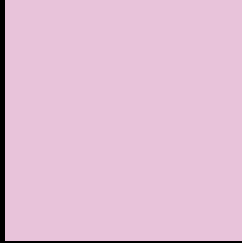
Large Text (above 18pt) WCAG AA × Fail

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 61.2480, 0.3250, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

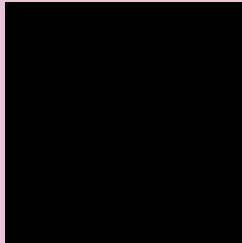
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2480, 0.3250, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 61.2480, 0.3250, 0.3041.



This preview shows how white text looks on a background with the Yxy color 61.2480, 0.3250, 0.3041.

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

61.2480, 0.3250, 0.3041

Protanopia

61.4049, 0.2989, 0.3062

Deuteranopia

61.0722, 0.3160, 0.3089



Tritanopia

61.1719, 0.3294, 0.3126

Trichromacy



Original Color

61.2480, 0.3250, 0.3041

Protanomaly

61.3434, 0.3077, 0.3054

Deuteranomaly

61.2452, 0.3192, 0.3080

Tritanomaly

61.3238, 0.3271, 0.3094

Monochromacy



Original Color

61.2480, 0.3250, 0.3041

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6909, 0.3170, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2480, 0.3250, 0.3041 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(232, 195, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 195, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.2480, 0.3250, 0.3041 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(232, 195, 218) }
```

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

```
.border{ border-color:rgb(232, 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(232, 195, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2480, 0.3250, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 218) }
```

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

```
.background{ background-color: rgb(232,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor