

Converting Colors

Yxy(61.1418, 0.3206, 0.3102)

Have a look what the booklet for
Yxy(61.1418, 0.3206, 0.3102)
contains.

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Color

Yxy(61.1418, 0.3206, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	E0C6D7
RGB	224, 198, 215
RGB Percent	88%, 78%, 84%
CMY	0.1217, 0.2235, 0.1568
CMYK	0.00, 0.12, 0.04, 0.12
HSL	321°, 29%, 83%
HSV	321°, 12%, 88%
XYZ	63.1917, 61.1418, 72.7710
YIQ	207.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

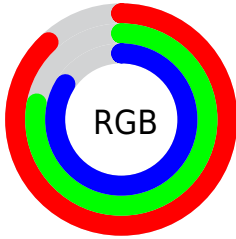
Format	Color
RYB	224, 198, 215
Decimal	14730967
CIELab	82.45, 12.02, -5.11
CIELCh	82, 13.060, 336.955
Yxy	61.1418, 0.3206, 0.3102
Android (android.graphics.Color)	4292921047 (0xFFE0C6D7)
YUV	207.7120, 3.5930, 14.2846
Hunter-Lab	78.1932, 7.4163, -0.4433

Details

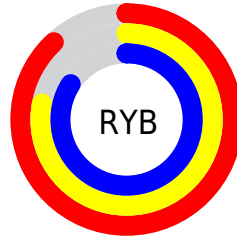
The Yxy color **61.1418, 0.3206, 0.3102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7997, 0.3056, 0.3486**, and the grayscale version is **62.8511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9196, 0.3232, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **51.2631, 0.3288, 0.2932**, and if you desaturate by 10%, it is **72.5583, 0.3137, 0.3265**.

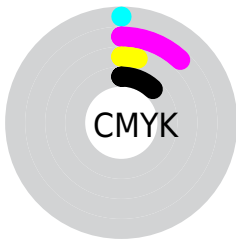
Distribution



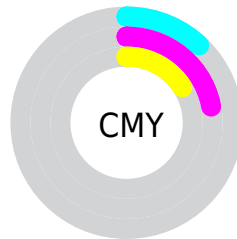
- Red (88%)
- Green (78%)
- Blue (84%)



- Red (88%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1418, 0.3206, 0.3102 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 61.1418, 0.3206, 0.3102 by changing the saturation by 10% instead.


 61.1418, 0.3206,
0.3102

 61.1418, 0.3206,
0.3102


428.7937, 0.3169,
0.3190

 44.3396, 0.3215,
0.3081


106.4842, 0.3193,
0.3133

 30.9376, 0.3225,
0.3056


135.7933, 0.3188,
0.3145

 20.5513, 0.3239,
0.3023


170.0400, 0.3184,
0.3155

 12.7964, 0.3257,
0.2980

209.6089, 0.3180,
0.3164

 7.2885, 0.3282,
0.2919

254.8843, 0.3177,
0.3172

 3.6432, 0.3319,
0.2830

306.2507, 0.3174,

 1.4760, 0.3378,

0.3179

0.2685

364.0924, 0.3171,
0.3185

0.2718, 0.3736,
0.1840

0.0000, 0.0000,
0.0000

61.1418, 0.3206,
0.3102

61.1418, 0.3206,
0.3102

51.2631, 0.3288,
0.2932

72.5583, 0.3137,
0.3265

42.8479, 0.3383,
0.2760

85.5671, 0.3079,
0.3419

35.8273, 0.3494,
0.2591

93.5438, 0.3032,
0.3461

30.1242, 0.3619,
0.2433

94.0079, 0.2990,
0.3382

■ 25.6536, 0.3757,
0.2298

■ 94.4916, 0.2948,
0.3303

■ 22.3205, 0.3905,
0.2197

■ 94.5804, 0.2940,
0.3289

■ 20.0160, 0.4058,
0.2140

■ 18.6096, 0.4210,
0.2133

■ 17.9394, 0.4335,
0.2162

Harmonies

Analogous

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



61.1418, 0.3037, 0.3024



61.1418, 0.3206, 0.3102



61.1418, 0.3357, 0.3227

Triad

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



61.1418, 0.3206, 0.3102



61.1418, 0.3359, 0.3574



61.1418, 0.2819, 0.3196

Complementary

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



61.1418, 0.3206, 0.3102



69.7997, 0.3056, 0.3486

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.



61.1418, 0.2901, 0.3349



61.1418, 0.3206, 0.3102



61.1418, 0.3211, 0.3573

Square

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



61.1418, 0.3206, 0.3102



61.1418, 0.3446, 0.3498



61.1418, 0.3043, 0.3490



61.1418, 0.2817, 0.3074

Rectangle

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



61.1418, 0.3206, 0.3102



61.1418, 0.3425, 0.3323



61.1418, 0.3043, 0.3490



61.1418, 0.2838, 0.3246

Sweetspot

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



61.1445, 0.3206, 0.3102



95.0471, 0.3146, 0.3242



58.9936, 0.3009, 0.2994



20.0677, 0.3151, 0.3229



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.



61.1445, 0.3206, 0.3102



78.5323, 0.3225, 0.3060



60.5178, 0.3301, 0.3242



13.8512, 0.3190, 0.3138



10.4690, 0.4313, 0.2150



0.7423, 0.4100, 0.2032

Inverse Universe

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



61.1445, 0.3206, 0.3102



78.5323, 0.3225, 0.3060



70.4446, 0.2977, 0.3339



13.8512, 0.3190, 0.3138



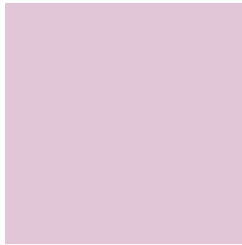
10.4690, 0.4313, 0.2150



0.7423, 0.4100, 0.2032

Previews

White Background



This preview shows how the Yxy color 61.1418, 0.3206, 0.3102 looks on a white background.

Color Contrast Check

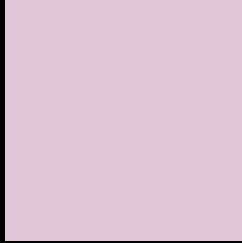
Large Text (above 18pt) WCAG AA × Fail

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 61.1418, 0.3206, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

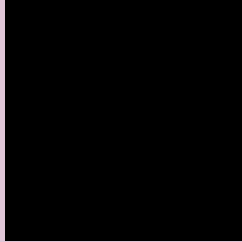
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1418, 0.3206, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 61.1418, 0.3206, 0.3102.

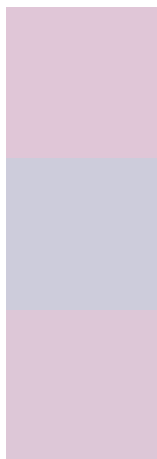


This preview shows how white text looks on a background with the Yxy color 61.1418, 0.3206, 0.3102.

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

61.1418, 0.3206, 0.3102

Protanopia

61.2793, 0.3030, 0.3118

Deuteranopia

61.1253, 0.3182, 0.3112



Tritanopia

61.0905, 0.3214, 0.3113

Trichromacy



Original Color

61.1418, 0.3206, 0.3102

Protanomaly

61.3001, 0.3090, 0.3109

Deuteranomaly

61.2827, 0.3190, 0.3112

Tritanomaly

61.0905, 0.3214, 0.3113

Monochromacy



Original Color

61.1418, 0.3206, 0.3102

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1850, 0.3154, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1418, 0.3206, 0.3102 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, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 215)  
}
```

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, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.1418, 0.3206, 0.3102 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, 198, 215) }
```

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

```
.border{ border-color:rgb(224, 198, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 198,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1418, 0.3206, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 215) }
```

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

```
.background{ background-color: rgb(224,  
198, 215) }
```

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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