

Converting Colors

$Yxy(61.1219, 0.3299, 0.3137)$

Have a look what the booklet for
Yxy(61.1219, 0.3299, 0.3137)
contains.

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Color

Yxy(61.1219, 0.3302, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	E7C4D2
RGB	231, 196, 210
RGB Percent	91%, 77%, 82%
CMY	0.0940, 0.2314, 0.1764
CMYK	0.00, 0.15, 0.09, 0.09
HSL	336°, 42%, 84%
HSV	336°, 15%, 91%
XYZ	64.3368, 61.1219, 69.3832
YIQ	208.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

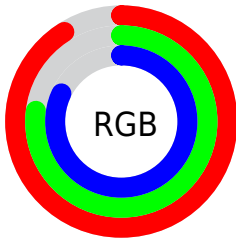
Format	Color
R _Y B	231, 196, 210
Decimal	15189202
CIE Lab	82.44, 14.68, -2.37
CIE LCh	82, 14.875, 350.816
Yxy	61.1219, 0.3302, 0.3137
Android (android.graphics.Color)	4293379282 (0xFFE7C4D2)
YUV	208.0610, 0.9559, 20.1175
Hunter-Lab	78.1805, 10.0765, 2.1080

Details

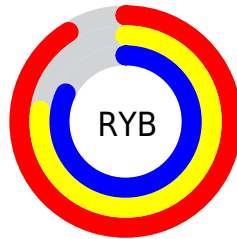
The Yxy color **61.1219, 0.3302, 0.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9177, 0.2980, 0.3448**, and the grayscale version is **63.1076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.8603, 0.3340, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **50.8313, 0.3449, 0.3030**, and if you desaturate by 10%, it is **73.0826, 0.3181, 0.3240**.

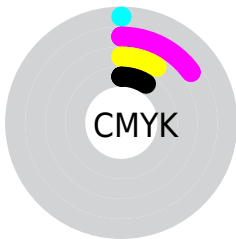
Distribution



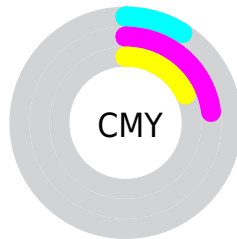
- Red (91%)
- Green (77%)
- Blue (82%)



- Red (91%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1219, 0.3302, 0.3137 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 61.1219, 0.3302, 0.3137 by changing the saturation by 10% instead.


 61.1219, 0.3302,
0.3137

 61.1219, 0.3302,
0.3137

428.7208, 0.3219,
0.3209

 44.3236, 0.3322,
0.3120

 106.4554, 0.3273,
0.3162

 30.9250, 0.3346,
0.3099


135.7594, 0.3261,
0.3172

 20.5417, 0.3378,
0.3072


170.0007, 0.3252,
0.3181

 12.7894, 0.3420,
0.3036

209.5637, 0.3243,
0.3188

 7.2837, 0.3479,
0.2985

254.8328, 0.3236,
0.3194

 3.6402, 0.3568,
0.2910

306.1924, 0.3230,

 1.4744, 0.3718,

0.3200

0.2786

364.0270, 0.3224,
0.3205

0.2706, 0.4571,
0.2009

0.0000, 0.0000,
0.0000

61.1219, 0.3302,
0.3137

61.1219, 0.3302,
0.3137

50.8313, 0.3449,
0.3030

73.0826, 0.3181,
0.3240

42.1279, 0.3627,
0.2921

86.7753, 0.3082,
0.3336

34.9341, 0.3839,
0.2816

95.5178, 0.3000,
0.3323

29.1622, 0.4087,
0.2724

95.7350, 0.2982,
0.3290

■ 24.7157, 0.4368,
0.2655

■ 21.4856, 0.4672,
0.2623

■ 19.3457, 0.4984,
0.2640

■ 18.1407, 0.5279,
0.2709

■ 17.7746, 0.5414,
0.2756

Harmonies

Analogous

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



61.1219, 0.3112, 0.3021



61.1219, 0.3302, 0.3137



61.1219, 0.3447, 0.3292

Triad

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



61.1219, 0.3302, 0.3137



61.1219, 0.3319, 0.3626



61.1219, 0.2764, 0.3111

Complementary

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



61.1219, 0.3302, 0.3137



73.9177, 0.2980, 0.3448

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.



61.1219, 0.2816, 0.3275



61.1219, 0.3302, 0.3137



61.1219, 0.3133, 0.3581

Square

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



61.1219, 0.3302, 0.3137



61.1219, 0.3456, 0.3576



61.1219, 0.2950, 0.3450



61.1219, 0.2806, 0.3002

Rectangle

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



61.1219, 0.3302, 0.3137



61.1219, 0.3497, 0.3401



61.1219, 0.2950, 0.3450



61.1219, 0.2771, 0.3161

Sweetspot

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



61.1246, 0.3302, 0.3137



91.6502, 0.3179, 0.3241



60.0023, 0.3038, 0.2903



19.3752, 0.3187, 0.3234



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.



61.1246, 0.3302, 0.3137



72.4813, 0.3342, 0.3106



62.0557, 0.3405, 0.3330



14.4630, 0.3230, 0.3196



9.9841, 0.5373, 0.2733



0.7557, 0.4986, 0.2521

Inverse Universe

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



61.1246, 0.3302, 0.3137



72.4813, 0.3342, 0.3106



72.7358, 0.2896, 0.3250



14.4630, 0.3230, 0.3196



9.9841, 0.5373, 0.2733



0.7557, 0.4986, 0.2521

Previews

White Background



This preview shows how the Yxy color 61.1219, 0.3302, 0.3137 looks on a white background.

Color Contrast Check

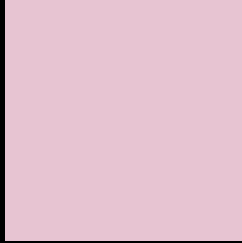
Large Text (above 18pt) WCAG AA × Fail

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 61.1219, 0.3302, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

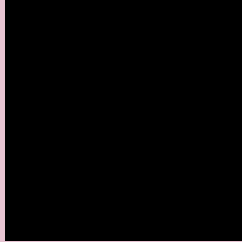
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1219, 0.3302, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 61.1219, 0.3302, 0.3137.



This preview shows how white text looks on a background with the Yxy color 61.1219, 0.3302, 0.3137.

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

61.1219, 0.3302, 0.3137

Protanopia

61.2138, 0.3065, 0.3163

Deuteranopia

61.1383, 0.3242, 0.3179



Tritanopia

61.1719, 0.3294, 0.3126

Trichromacy



Original Color

61.1219, 0.3302, 0.3137

Protanomaly

61.0245, 0.3149, 0.3154

Deuteranomaly

61.1604, 0.3267, 0.3168

Tritanomaly

61.1719, 0.3294, 0.3126

Monochromacy



Original Color

61.1219, 0.3302, 0.3137

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3881, 0.3183, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1219, 0.3302, 0.3137 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(231, 196, 210)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 210)  
}
```

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(231, 196, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 210) }
```

Border

The CSS property to change the border of an element to Yxy 61.1219, 0.3302, 0.3137 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(231, 196, 210) }
```

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

```
.border{ border-color:rgb(231, 196, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 196, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 196, 210); box-shadow:4px 4px 4px 4px rgb(231, 196, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1219, 0.3302, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 210) }
```

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

```
.background{ background-color: rgb(231,  
196, 210) }
```

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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