

Converting Colors

Yxy(61.6254, 0.3326, 0.3138)

Have a look what the booklet for
Yxy(61.6254, 0.3326, 0.3138)
contains.

Yxy(61.6254, 0.3326, 0.3138)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6254, 0.3326, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	EAC4D2
RGB	234, 196, 210
RGB Percent	92%, 77%, 82%
CMY	0.0822, 0.2314, 0.1764
CMYK	0.00, 0.16, 0.10, 0.08
HSL	338°, 48%, 84%
HSV	338°, 16%, 92%
XYZ	65.3174, 61.6254, 69.4415
YIQ	208.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

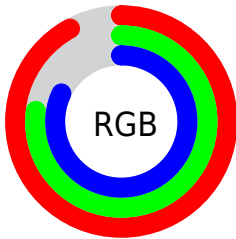
Format	Color
R _Y B	234, 196, 210
Decimal	15385810
CIE Lab	82.71, 15.74, -1.96
CIE LCh	83, 15.863, 352.912
Yxy	61.6254, 0.3326, 0.3138
Android (android.graphics.Color)	4293575890 (0xFFEAC4D2)
YUV	208.9580, 0.5137, 21.9618
Hunter-Lab	78.5018, 11.1426, 2.5043

Details

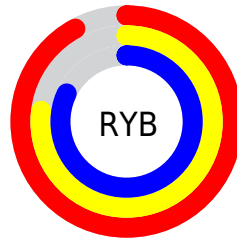
The Yxy color **61.6254, 0.3326, 0.3138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7721, 0.2963, 0.3447**, and the grayscale version is **63.7241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.2113, 0.3372, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **51.1788, 0.3484, 0.3038**, and if you desaturate by 10%, it is **73.7923, 0.3196, 0.3233**.

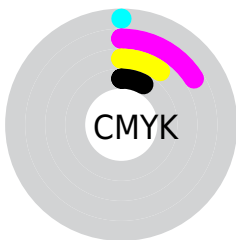
Distribution



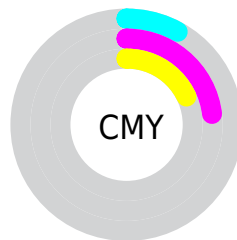
- Red (92%)
- Green (77%)
- Blue (82%)



- Red (92%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6254, 0.3326, 0.3138 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 61.6254, 0.3326, 0.3138 by changing the saturation by 10% instead.


 61.6254, 0.3326,
0.3138

 61.6254, 0.3326,
0.3138


430.5634, 0.3232,
0.3210

 44.7301, 0.3348,
0.3121


 107.1839, 0.3293,
0.3163

 31.2449, 0.3376,
0.3100


136.6160, 0.3280,
0.3173

 20.7854, 0.3412,
0.3073


170.9957, 0.3269,
0.3181

 12.9672, 0.3460,
0.3037

210.7075, 0.3259,
0.3189

 7.4060, 0.3527,
0.2987

256.1357, 0.3251,
0.3195

 3.7173, 0.3628,
0.2913

307.6649, 0.3244,

 1.5167, 0.3798,

0.3201

0.2790

365.6793, 0.3237,
0.3205

0.3004, 0.4670,
0.2095

0.0000, 0.0000,
0.0000

61.6254, 0.3326,
0.3138

61.6254, 0.3326,
0.3138

51.1788, 0.3484,
0.3038

73.7923, 0.3196,
0.3233

42.3662, 0.3676,
0.2938

87.7442, 0.3090,
0.3323

35.1064, 0.3905,
0.2842

96.1972, 0.3003,
0.3296

29.3079, 0.4173,
0.2760

96.2399, 0.3000,
0.3290

■ 24.8693, 0.4475,
0.2702

■ 21.6762, 0.4801,
0.2681

■ 19.5952, 0.5129,
0.2709

■ 18.4602, 0.5434,
0.2789

■ 18.1773, 0.5541,
0.2826

Harmonies

Analogous

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



61.6254, 0.3125, 0.3011



61.6254, 0.3326, 0.3138



61.6254, 0.3475, 0.3304

Triad

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



61.6254, 0.3326, 0.3138



61.6254, 0.3318, 0.3648



61.6254, 0.2742, 0.3088

Complementary

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



61.6254, 0.3326, 0.3138



75.7721, 0.2963, 0.3447

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.



61.6254, 0.2790, 0.3260



61.6254, 0.3326, 0.3138



61.6254, 0.3119, 0.3593

Square

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



61.6254, 0.3326, 0.3138



61.6254, 0.3470, 0.3600



61.6254, 0.2926, 0.3448



61.6254, 0.2792, 0.2979

Rectangle

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



61.6254, 0.3326, 0.3138



61.6254, 0.3523, 0.3419



61.6254, 0.2926, 0.3448



61.6254, 0.2747, 0.3140

Sweetspot

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



61.6281, 0.3326, 0.3138



91.6257, 0.3182, 0.3245



60.5476, 0.3035, 0.2874



19.3693, 0.3190, 0.3238



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.



61.6281, 0.3326, 0.3138



69.7634, 0.3383, 0.3100



62.9912, 0.3428, 0.3340



15.1459, 0.3235, 0.3203



10.2326, 0.5500, 0.2803



0.8215, 0.5120, 0.2594

Inverse Universe

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



61.6281, 0.3326, 0.3138



69.7634, 0.3383, 0.3100



74.0504, 0.2879, 0.3240



15.1459, 0.3235, 0.3203



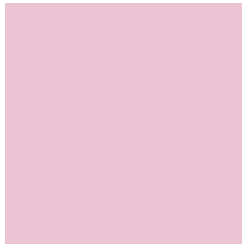
10.2326, 0.5500, 0.2803



0.8215, 0.5120, 0.2594

Previews

White Background



This preview shows how the Yxy color 61.6254, 0.3326, 0.3138 looks on a white background.

Color Contrast Check

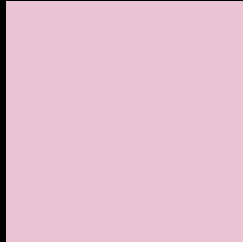
Large Text (above 18pt) WCAG AA × Fail

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 61.6254, 0.3326, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

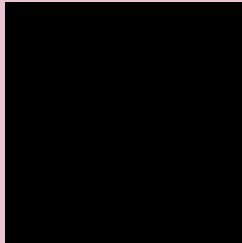
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6254, 0.3326, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 61.6254, 0.3326, 0.3138.



This preview shows how white text looks on a background with the Yxy color 61.6254, 0.3326, 0.3138.

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

61.6254, 0.3326, 0.3138

Protanopia

61.8343, 0.3072, 0.3175

Deuteranopia

61.7593, 0.3249, 0.3190



Tritanopia

61.6754, 0.3318, 0.3128

Trichromacy



Original Color

61.6254, 0.3326, 0.3138

Protanomaly

61.7969, 0.3164, 0.3166

Deuteranomaly

61.9443, 0.3282, 0.3180

Tritanomaly

61.6754, 0.3318, 0.3128

Monochromacy



Original Color

61.6254, 0.3326, 0.3138

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6946, 0.3199, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6254, 0.3326, 0.3138 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(234, 196, 210)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 196, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 196, 210) }
```

Border

The CSS property to change the border of an element to Yxy 61.6254, 0.3326, 0.3138 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(234, 196, 210) }
```

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

```
.border{ border-color:rgb(234, 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(234, 196, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 196, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 196, 210);  
box-shadow:4px 4px 4px 4px rgb(234, 196,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6254, 0.3326, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 196, 210) }
```

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

```
.background{ background-color: rgb(234,  
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](#).

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