

Converting Colors

$Y_{xy}(59.1950, 0.3247, 0.3118)$

Have a look what the booklet for
Yxy(59.1950, 0.3247, 0.3118)
contains.

Yxy(59.0840, 0.3248, 0.3112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.0840, 0.3248, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	E0C2D2
RGB	224, 194, 210
RGB Percent	88%, 76%, 82%
CMY	0.1215, 0.2392, 0.1766
CMYK	0.00, 0.13, 0.06, 0.12
HSL	328°, 33%, 82%
HSV	328°, 13%, 88%
XYZ	61.6661, 59.0840, 69.1085
YIQ	204.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

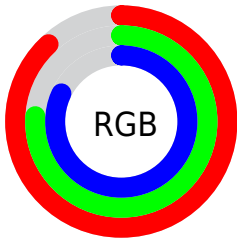
Format	Color
RYB	224, 194, 210
Decimal	14729938
CIELab	81.34, 13.29, -4.05
CIELCh	81, 13.897, 343.038
Yxy	59.0840, 0.3248, 0.3112
Android (android.graphics.Color)	4292920018 (0xFFE0C2D2)
YUV	204.7940, 2.5666, 16.8437
Hunter-Lab	76.8661, 8.6865, 0.5000

Details

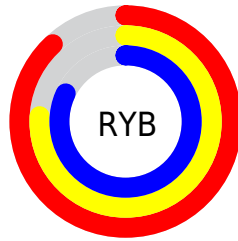
The Yxy color **59.0840, 0.3248, 0.3112** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3468, 0.3022, 0.3475**, and the grayscale version is **60.8917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.5915, 0.3278, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **49.3498, 0.3360, 0.2972**, and if you desaturate by 10%, it is **70.3607, 0.3155, 0.3246**.

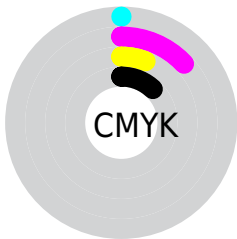
Distribution



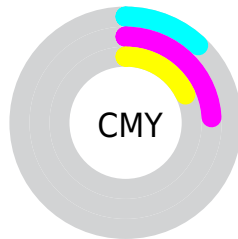
- Red (88%)
- Green (76%)
- Blue (82%)



- Red (88%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0840, 0.3248, 0.3112 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 59.0840, 0.3248, 0.3112 by changing the saturation by 10% instead.

 59.0840, 0.3248,
0.3112

 59.0840, 0.3248,
0.3112


421.2131, 0.3191,
0.3196

 42.6807, 0.3262,
0.3092

 103.4997, 0.3228,
0.3142

 29.6347, 0.3278,
0.3068


132.2810, 0.3220,
0.3153

 19.5615, 0.3300,
0.3036


165.9571, 0.3213,
0.3163

 12.0767, 0.3329,
0.2993

204.9123, 0.3208,
0.3171

 6.7959, 0.3370,
0.2934

249.5312, 0.3203,
0.3179

 3.3348, 0.3432,
0.2846

300.1980, 0.3198,

 1.3089, 0.3536,

0.3185

0.2699

357.2972, 0.3194,
0.3191

0.1481, 0.4397,
0.1400

0.0000, 0.0000,
0.0000

59.0840, 0.3248,
0.3112

59.0840, 0.3248,
0.3112

49.3498, 0.3360,
0.2972

70.3607, 0.3155,
0.3246

41.0825, 0.3493,
0.2829

83.2356, 0.3078,
0.3372

34.2121, 0.3649,
0.2690

93.7461, 0.3015,
0.3428

28.6594, 0.3829,
0.2563

94.3921, 0.2957,
0.3321

■ 24.3373, 0.4031,
0.2459

■ 94.5901, 0.2941,
0.3289

■ 21.1483, 0.4250,
0.2390

■ 18.9797, 0.4478,
0.2368

■ 17.6952, 0.4703,
0.2399

■ 17.1867, 0.4848,
0.2444

Harmonies

Analogous

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



59.0840, 0.3066, 0.3016



59.0840, 0.3248, 0.3112



59.0840, 0.3401, 0.3253

Triad

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



59.0840, 0.3248, 0.3112



59.0840, 0.3349, 0.3603



59.0840, 0.2788, 0.3157

Complementary

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



59.0840, 0.3248, 0.3112



69.3468, 0.3022, 0.3475

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.



59.0840, 0.2860, 0.3320



59.0840, 0.3248, 0.3112



59.0840, 0.3180, 0.3584

Square

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



59.0840, 0.3248, 0.3112



59.0840, 0.3459, 0.3536



59.0840, 0.3002, 0.3479



59.0840, 0.2805, 0.3038

Rectangle

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



59.0840, 0.3248, 0.3112



59.0840, 0.3463, 0.3356



59.0840, 0.3002, 0.3479



59.0840, 0.2803, 0.3209

Sweetspot

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



59.0866, 0.3248, 0.3112



93.3603, 0.3160, 0.3238



57.3787, 0.3019, 0.2948



19.7240, 0.3167, 0.3228



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.



59.0866, 0.3248, 0.3112



75.5053, 0.3276, 0.3074



58.3751, 0.3364, 0.3279



13.8218, 0.3209, 0.3166



10.0256, 0.4816, 0.2427



0.7130, 0.4501, 0.2253

Inverse Universe

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



59.0866, 0.3248, 0.3112



75.5053, 0.3276, 0.3074



70.1191, 0.2929, 0.3301



13.8218, 0.3209, 0.3166



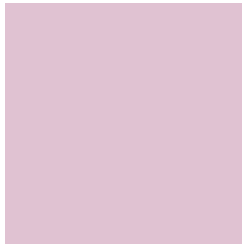
10.0256, 0.4816, 0.2427



0.7130, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 59.0840, 0.3248, 0.3112 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 59.0840, 0.3248, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

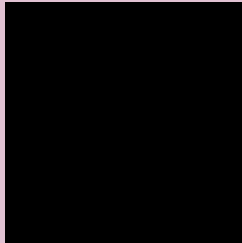
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0840, 0.3248, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 59.0840, 0.3248, 0.3112.

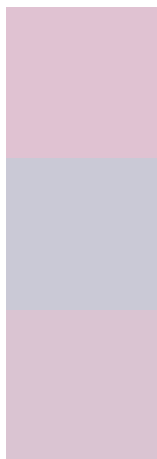


This preview shows how white text looks on a background with the Yxy color 59.0840, 0.3248, 0.3112.

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

59.0840, 0.3248, 0.3112

Protanopia

59.1849, 0.3043, 0.3138

Deuteranopia

59.0384, 0.3198, 0.3132



Tritanopia

59.0343, 0.3255, 0.3123

Trichromacy



Original Color

59.0840, 0.3248, 0.3112

Protanomaly

58.8939, 0.3112, 0.3118

Deuteranomaly

58.8990, 0.3215, 0.3121

Tritanomaly

59.0343, 0.3255, 0.3123

Monochromacy



Original Color

59.0840, 0.3248, 0.3112

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2753, 0.3169, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0840, 0.3248, 0.3112 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, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 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(224, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.0840, 0.3248, 0.3112 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, 194, 210) }
```

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

```
.border{ border-color:rgb(224, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0840, 0.3248, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 210) }
```

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

```
.background{ background-color: rgb(224,  
194, 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