

Converting Colors

Yxy(59.9420, 0.3414, 0.3249)

Have a look what the booklet for
Yxy(59.9420, 0.3414, 0.3249)
contains.

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Color

Yxy(59.9844, 0.3415, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E9C2C6
RGB	233, 194, 198
RGB Percent	91%, 76%, 78%
CMY	0.0863, 0.2392, 0.2236
CMYK	0.00, 0.17, 0.15, 0.09
HSL	354°, 47%, 84%
HSV	354°, 17%, 91%
XYZ	63.0880, 59.9844, 61.6655
YIQ	206.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

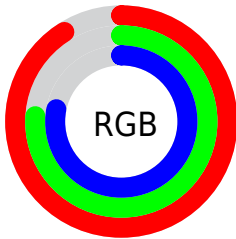
Format	Color
RYB	233, 194, 198
Decimal	15319750
CIELab	81.83, 14.47, 3.20
CIELCh	82, 14.823, 12.467
Yxy	59.9844, 0.3415, 0.3247
Android (android.graphics.Color)	4293509830 (0xFFE9C2C6)
YUV	206.1170, -4.0017, 23.5764
Hunter-Lab	77.4496, 9.8637, 7.0079

Details

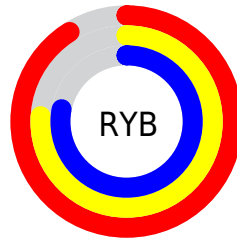
The Yxy color **59.9844, 0.3415, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4097, 0.2897, 0.3334**, and the grayscale version is **61.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.1169, 0.3494, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **49.5157, 0.3645, 0.3220**, and if you desaturate by 10%, it is **72.2180, 0.3230, 0.3273**.

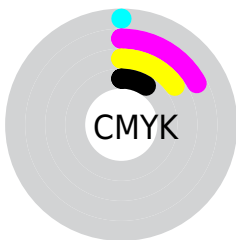
Distribution



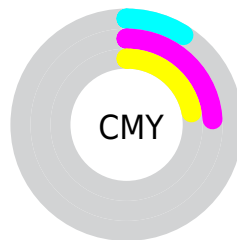
- Red (91%)
- Green (76%)
- Blue (78%)



- Red (91%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9844, 0.3415, 0.3247 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 59.9844, 0.3415, 0.3247 by changing the saturation by 10% instead.


 59.9844, 0.3415,
0.3247

 59.9844, 0.3415,
0.3247


424.5403, 0.3277,
0.3269

 43.4061, 0.3448,
0.3242


 104.8070, 0.3366,
0.3255

 30.2038, 0.3490,
0.3235


133.8201, 0.3347,
0.3258

 19.9934, 0.3544,
0.3225


167.7469, 0.3331,
0.3260

 12.3902, 0.3616,
0.3212

206.9718, 0.3317,
0.3263

 7.0100, 0.3720,
0.3193

251.8792, 0.3305,
0.3264

 3.4684, 0.3878,
0.3162

302.8535, 0.3294,

 1.3809, 0.4151,

0.3266

0.3103

360.2790, 0.3285,
0.3268

0.2026, 0.7293,
0.2707

0.0000, 0.0000,
0.0000

59.9844, 0.3415,
0.3247

59.9844, 0.3415,
0.3247

49.5157, 0.3645,
0.3220

72.2180, 0.3230,
0.3273

40.7227, 0.3929,
0.3192

86.2842, 0.3082,
0.3298

33.5209, 0.4273,
0.3168

96.0645, 0.2993,
0.3290

27.8150, 0.4676,
0.3150

■ 23.4994, 0.5123,
0.3144

■ 20.4551, 0.5572,
0.3156

■ 18.5427, 0.5964,
0.3187

■ 17.5861, 0.6238,
0.3233

■ 17.3893, 0.6302,
0.3245

Harmonies

Analogous

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



59.9844, 0.3252, 0.3099



59.9844, 0.3415, 0.3247



59.9844, 0.3500, 0.3410

Triad

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



59.9844, 0.3415, 0.3247



59.9844, 0.3187, 0.3604



59.9844, 0.2784, 0.3024

Complementary

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



59.9844, 0.3415, 0.3247



75.4097, 0.2897, 0.3334

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.



59.9844, 0.2769, 0.3152



59.9844, 0.3415, 0.3247



59.9844, 0.2997, 0.3493

Square

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



59.9844, 0.3415, 0.3247



59.9844, 0.3365, 0.3622



59.9844, 0.2846, 0.3325



59.9844, 0.2888, 0.2971

Rectangle

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



59.9844, 0.3415, 0.3247



59.9844, 0.3499, 0.3507



59.9844, 0.2846, 0.3325



59.9844, 0.2768, 0.3059

Sweetspot

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



59.9871, 0.3415, 0.3247



91.4175, 0.3203, 0.3278



61.0384, 0.3112, 0.2871



19.3188, 0.3214, 0.3276



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.



59.9871, 0.3415, 0.3247



69.0588, 0.3487, 0.3238



66.7990, 0.3420, 0.3454



15.0790, 0.3277, 0.3266



9.8749, 0.6280, 0.3233



0.7838, 0.6016, 0.3088

Inverse Universe

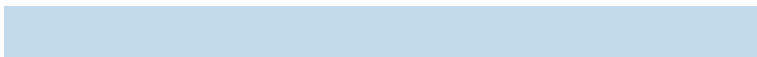
The Inverse Universe completely reimagines the original color for something new.



59.9871, 0.3415, 0.3247



69.0588, 0.3487, 0.3238



67.5252, 0.2867, 0.3120



15.0790, 0.3277, 0.3266



9.8749, 0.6280, 0.3233



0.7838, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 59.9844, 0.3415, 0.3247 looks on a white background.

Color Contrast Check

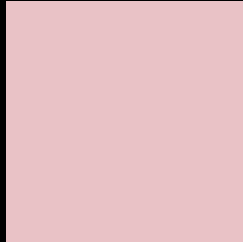
Large Text (above 18pt) WCAG AA × Fail

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 59.9844, 0.3415, 0.3247 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 59.9844, 0.3415, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 59.9844, 0.3415, 0.3247.



This preview shows how white text looks on a background with the Yxy color 59.9844, 0.3415, 0.3247.

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

59.9844, 0.3415, 0.3247

Protanopia

60.2891, 0.3158, 0.3290

Deuteranopia

60.1325, 0.3361, 0.3291



Tritanopia

60.1373, 0.3353, 0.3138

Trichromacy



Original Color

59.9844, 0.3415, 0.3247

Protanomaly

60.1245, 0.3246, 0.3279

Deuteranomaly

60.1691, 0.3387, 0.3280

Tritanomaly

59.9920, 0.3377, 0.3170

Monochromacy



Original Color

59.9844, 0.3415, 0.3247

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1518, 0.3229, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9844, 0.3415, 0.3247 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(233, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 198)  
}
```

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(233, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 59.9844, 0.3415, 0.3247 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(233, 194, 198) }
```

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

```
.border{ border-color:rgb(233, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9844, 0.3415, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 198) }
```

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

```
.background{ background-color: rgb(233,  
194, 198) }
```

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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