

Converting Colors

$Y_{xy}(59.0271, 0.3335, 0.3214)$

Have a look what the booklet for
Yxy(59.0271, 0.3335, 0.3214)
contains.

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Color

Yxy(58.9694, 0.3334, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E2C2C9
RGB	226, 194, 201
RGB Percent	89%, 76%, 79%
CMY	0.1135, 0.2393, 0.2118
CMYK	0.00, 0.14, 0.11, 0.11
HSL	347°, 36%, 82%
HSV	347°, 14%, 89%
XYZ	61.2092, 58.9694, 63.4123
YIQ	204.3660, 16.8250, 8.9610

Conversions

Conversions Part 2

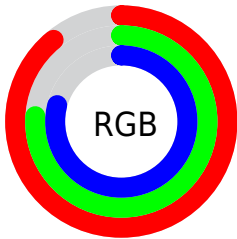
Format	Color
R _Y B	226, 194, 201
Decimal	14861001
CIE Lab	81.27, 12.49, 0.70
CIE LCh	81, 12.512, 3.186
Yxy	58.9694, 0.3334, 0.3212
Android (android.graphics.Color)	4293051081 (0xFFE2C2C9)
YUV	204.3660, -1.6594, 18.9730
Hunter-Lab	76.7915, 7.8941, 4.7941

Details

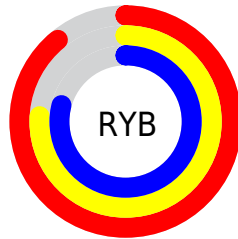
The Yxy color **58.9694, 0.3334, 0.3212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0035, 0.2954, 0.3370**, and the grayscale version is **60.6340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.4088, 0.3384, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **48.8805, 0.3522, 0.3153**, and if you desaturate by 10%, it is **70.6896, 0.3182, 0.3268**.

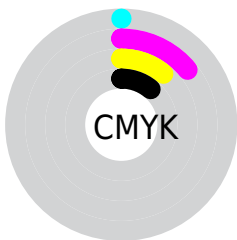
Distribution



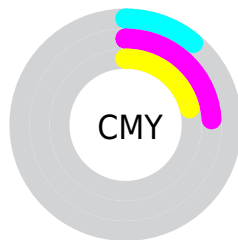
- Red (89%)
- Green (76%)
- Blue (79%)



- Red (89%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9694, 0.3334, 0.3212 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 58.9694, 0.3334, 0.3212 by changing the saturation by 10% instead.

 58.9694, 0.3334,
0.3212

 58.9694, 0.3334,
0.3212

420.7885, 0.3234,
0.3250

 42.5885, 0.3358,
0.3203


 103.3332, 0.3299,
0.3225

 29.5624, 0.3388,
0.3191


132.0849, 0.3285,
0.3231

 19.5067, 0.3427,
0.3177


165.7289, 0.3274,
0.3235

 12.0369, 0.3479,
0.3156

204.6497, 0.3264,
0.3239

 6.7688, 0.3554,
0.3128

249.2317, 0.3255,
0.3242

 3.3180, 0.3668,
0.3083

299.8592, 0.3247,

 1.2999, 0.3867,

0.3245

0.3005

356.9167, 0.3241,
0.3248

0.1411, 0.6408,
0.2059

0.0000, 0.0000,
0.0000

58.9694, 0.3334,
0.3212

58.9694, 0.3334,
0.3212

48.8805, 0.3522,
0.3153

70.6896, 0.3182,
0.3268

40.3427, 0.3753,
0.3093

84.1007, 0.3059,
0.3320

33.2813, 0.4033,
0.3036

94.8515, 0.2958,
0.3300

27.6117, 0.4366,
0.2988

94.9166, 0.2952,
0.3289

■ 23.2413, 0.4745,
0.2958

■ 20.0657, 0.5151,
0.2955

■ 17.9645, 0.5548,
0.2988

■ 16.7913, 0.5890,
0.3059

■ 16.4019, 0.6052,
0.3108

Harmonies

Analogous

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



58.9694, 0.3183, 0.3095



58.9694, 0.3334, 0.3212



58.9694, 0.3430, 0.3351

Triad

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



58.9694, 0.3334, 0.3212



58.9694, 0.3229, 0.3569



58.9694, 0.2822, 0.3092

Complementary

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



58.9694, 0.3334, 0.3212



71.0035, 0.2954, 0.3370

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.



58.9694, 0.2834, 0.3217



58.9694, 0.3334, 0.3212



58.9694, 0.3066, 0.3498

Square

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



58.9694, 0.3334, 0.3212



58.9694, 0.3367, 0.3560



58.9694, 0.2922, 0.3366



58.9694, 0.2889, 0.3025

Rectangle

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



58.9694, 0.3334, 0.3212



58.9694, 0.3448, 0.3439



58.9694, 0.2922, 0.3366



58.9694, 0.2817, 0.3129

Sweetspot

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



58.9720, 0.3334, 0.3212



93.1611, 0.3180, 0.3269



59.0653, 0.3086, 0.2934



19.6737, 0.3190, 0.3265



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.



58.9720, 0.3334, 0.3212



73.3994, 0.3385, 0.3195



62.5651, 0.3376, 0.3386



13.7493, 0.3258, 0.3239



9.3673, 0.6016, 0.3088



0.6626, 0.5585, 0.2850

Inverse Universe

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



58.9720, 0.3334, 0.3212



73.3994, 0.3385, 0.3195



66.8450, 0.2909, 0.3192



13.7493, 0.3258, 0.3239



9.3673, 0.6016, 0.3088



0.6626, 0.5585, 0.2850

Previews

White Background



This preview shows how the Yxy color 58.9694, 0.3334, 0.3212 looks on a white background.

Color Contrast Check

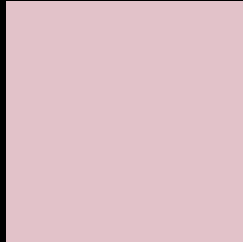
Large Text (above 18pt) WCAG AA × Fail

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 58.9694, 0.3334, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

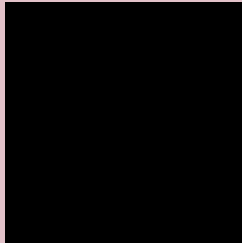
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9694, 0.3334, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 58.9694, 0.3334, 0.3212.



This preview shows how white text looks on a background with the Yxy color 58.9694, 0.3334, 0.3212.

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

58.9694, 0.3334, 0.3212

Protanopia

59.1602, 0.3129, 0.3243

Deuteranopia

59.2265, 0.3298, 0.3234



Tritanopia

59.0249, 0.3288, 0.3124

Trichromacy



Original Color

58.9694, 0.3334, 0.3212

Protanomaly

58.8939, 0.3201, 0.3221

Deuteranomaly

58.9352, 0.3308, 0.3223

Tritanomaly

58.8786, 0.3312, 0.3157

Monochromacy



Original Color

58.9694, 0.3334, 0.3212

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6174, 0.3199, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9694, 0.3334, 0.3212 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(226, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 201)  
}
```

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(226, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.9694, 0.3334, 0.3212 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(226, 194, 201) }
```

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

```
.border{ border-color:rgb(226, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 194,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9694, 0.3334, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 201) }
```

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

```
.background{ background-color: rgb(226,  
194, 201) }
```

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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