

Converting Colors

$Yxy(59.0335, 0.3475, 0.3404)$

Have a look what the booklet for
Yxy(59.0335, 0.3475, 0.3404)
contains.

Yxy(59.0270, 0.3475, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.0270, 0.3475, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	E4C3B9
RGB	228, 195, 185
RGB Percent	89%, 76%, 73%
CMY	0.1060, 0.2352, 0.2745
CMYK	0.00, 0.14, 0.19, 0.11
HSL	14°, 44%, 81%
HSV	14°, 19%, 89%
XYZ	60.2582, 59.0270, 54.1196
YIQ	203.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

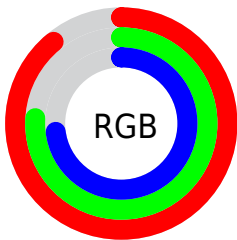
Format	Color
RYB	228, 198, 185
Decimal	14992313
CIELab	81.31, 10.11, 9.34
CIELCh	81, 13.765, 42.748
Yxy	59.0270, 0.3475, 0.3404
Android (android.graphics.Color)	4293182393 (0xFFE4C3B9)
YUV	203.7270, -9.2324, 21.2874
Hunter-Lab	76.8290, 5.5495, 12.0155

Details

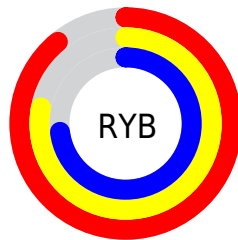
The Yxy color **59.0270, 0.3475, 0.3404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0308, 0.2838, 0.3173**, and the grayscale version is **60.2503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2317, 0.3211, 0.3396**, and **29.4864, 0.3566, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **50.7606, 0.3714, 0.3469**, and if you desaturate by 10%, it is **68.3704, 0.3275, 0.3342**.

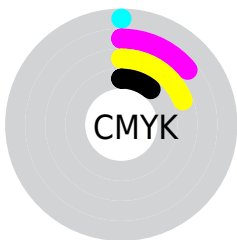
Distribution



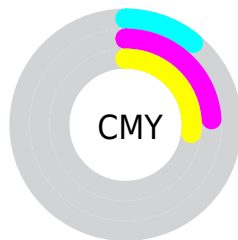
- Red (89%)
- Green (76%)
- Blue (73%)



- Red (89%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0270, 0.3475, 0.3404 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 59.0270, 0.3475, 0.3404 by changing the saturation by 10% instead.

 59.0270, 0.3475,
0.3404

 59.0270, 0.3475,
0.3404

421.0020, 0.3307,
0.3352

 42.6349, 0.3515,
0.3416


 103.4169, 0.3415,
0.3386

 29.5987, 0.3566,
0.3430


132.1835, 0.3392,
0.3379

 19.5342, 0.3632,
0.3449


165.8436, 0.3373,
0.3373

 12.0569, 0.3722,
0.3472

204.7817, 0.3356,
0.3367

 6.7825, 0.3849,
0.3503

249.3822, 0.3341,
0.3363

 3.3264, 0.4045,
0.3545

300.0295, 0.3328,

 1.3044, 0.4408,

0.3359

0.3622

357.1080, 0.3317,
0.3355

0.1446, 0.7265,
0.2735

0.0000, 0.0000,
0.0000

59.0270, 0.3475,
0.3404

59.0270, 0.3475,
0.3404

50.7606, 0.3714,
0.3469

68.3704, 0.3275,
0.3342

43.5243, 0.3999,
0.3534

78.8196, 0.3109,
0.3284

37.2796, 0.4331,
0.3593

90.4123, 0.2972,
0.3230

31.9824, 0.4705,
0.3640

95.2276, 0.2964,
0.3290

■ 27.5852, 0.5106,
0.3664

■ 24.0362, 0.5502,
0.3654

■ 21.2778, 0.5848,
0.3604

■ 19.2409, 0.6107,
0.3521

■ 19.0462, 0.6133,
0.3512

Harmonies

Analogous

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



59.0270, 0.3397, 0.3252



59.0270, 0.3475, 0.3404



59.0270, 0.3456, 0.3532

Triad

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



59.0270, 0.3475, 0.3404



59.0270, 0.3005, 0.3478



59.0270, 0.2905, 0.2991

Complementary

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



59.0270, 0.3475, 0.3404



66.0308, 0.2838, 0.3173

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.



59.0270, 0.2807, 0.3041



59.0270, 0.3475, 0.3404



59.0270, 0.2863, 0.3321

Square

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



59.0270, 0.3475, 0.3404



59.0270, 0.3182, 0.3582



59.0270, 0.2792, 0.3160



59.0270, 0.3065, 0.3018

Rectangle

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



59.0270, 0.3475, 0.3404



59.0270, 0.3393, 0.3586



59.0270, 0.2792, 0.3160



59.0270, 0.2864, 0.2999

Sweetspot

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



59.0297, 0.3475, 0.3404



91.7941, 0.3226, 0.3325



56.2849, 0.3221, 0.2920



19.4634, 0.3237, 0.3329



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.



59.0297, 0.3475, 0.3404



71.3649, 0.3573, 0.3432



68.9954, 0.3433, 0.3631



14.9104, 0.3287, 0.3345



11.1524, 0.6109, 0.3532



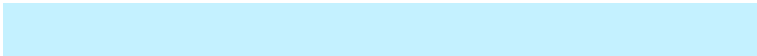
0.9640, 0.5826, 0.3756

Inverse Universe

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



66.0308, 0.2838, 0.3173



82.1085, 0.2774, 0.3143



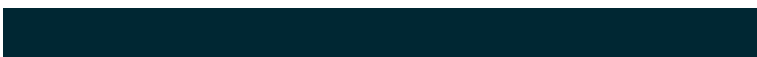
55.9277, 0.2824, 0.2924



15.7369, 0.2981, 0.3234



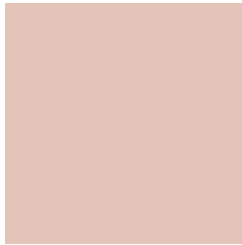
21.0955, 0.2034, 0.2521



1.6974, 0.2069, 0.2647

Previews

White Background



This preview shows how the Yxy color 59.0270, 0.3475, 0.3404 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 59.0270, 0.3475, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

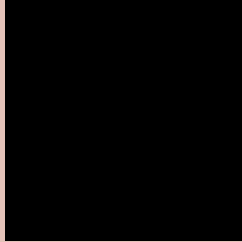
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0270, 0.3475, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 59.0270, 0.3475, 0.3404.






This preview shows how white text looks on a background with the Yxy color 59.0270, 0.3475, 0.3404.

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 59.0270, 0.3475, 0.3404
	Protanopia 58.9594, 0.3286, 0.3444
	Deuteranopia 59.0270, 0.3475, 0.3404



Tritanopia

59.1932, 0.3330, 0.3125

Trichromacy



Original Color

59.0270, 0.3475, 0.3404

Protanomaly

59.0336, 0.3353, 0.3430

Deuteranomaly

59.0270, 0.3475, 0.3404

Tritanomaly

59.0864, 0.3384, 0.3224

Monochromacy



Original Color

59.0270, 0.3475, 0.3404

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9506, 0.3251, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0270, 0.3475, 0.3404 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(228, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 185)  
}
```

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(228, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 185) }
```

Border

The CSS property to change the border of an element to Yxy 59.0270, 0.3475, 0.3404 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(228, 195, 185) }
```

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

```
.border{ border-color:rgb(228, 195, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 195, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 195, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 195, 185);  
box-shadow:4px 4px 4px 4px rgb(228, 195,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0270, 0.3475, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 185) }
```

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

```
.background{ background-color: rgb(228,  
195, 185) }
```

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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