

Converting Colors

Yxy(59.8946, 0.3412, 0.3439)

Have a look what the booklet for
Yxy(59.8946, 0.3412, 0.3439)
contains.

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Color

Yxy(59.9216, 0.3410, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	DEC7BA
RGB	222, 199, 186
RGB Percent	87%, 78%, 73%
CMY	0.1293, 0.2196, 0.2705
CMYK	0.00, 0.10, 0.16, 0.13
HSL	22°, 35%, 80%
HSV	22°, 16%, 87%
XYZ	59.4163, 59.9216, 54.9034
YIQ	204.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

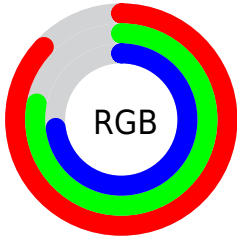
Format	Color
R _Y B	222, 206, 186
Decimal	14600122
CIE Lab	81.80, 5.99, 9.43
CIE LCh	82, 11.168, 57.563
Yxy	59.9216, 0.3410, 0.3439
Android (android.graphics.Color)	4292790202 (0xFFDEC7BA)
YUV	204.3950, -9.0687, 15.4396
Hunter-Lab	77.4090, 1.5441, 12.1341

Details

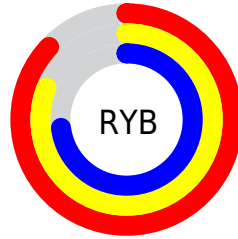
The Yxy color **59.9216, 0.3410, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3410, 0.2876, 0.3136**, and the grayscale version is **60.7000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.1597, 0.3487, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **52.8194, 0.3624, 0.3537**, and if you desaturate by 10%, it is **67.7857, 0.3227, 0.3345**.

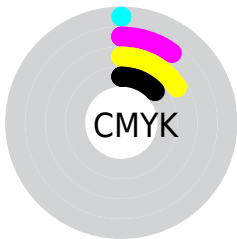
Distribution



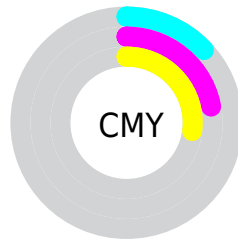
- Red (87%)
- Green (78%)
- Blue (73%)



- Red (87%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9216, 0.3410, 0.3439 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 59.9216, 0.3410, 0.3439 by changing the saturation by 10% instead.


 59.9216, 0.3410,
0.3439

 59.9216, 0.3410,
0.3439


424.3087, 0.3274,
0.3369

 43.3554, 0.3443,
0.3455


 104.7159, 0.3362,
0.3415

 30.1641, 0.3483,
0.3475


133.7129, 0.3343,
0.3405

 19.9632, 0.3537,
0.3501


167.6223, 0.3327,
0.3397

 12.3683, 0.3608,
0.3535

206.8284, 0.3314,
0.3390

 6.9950, 0.3710,
0.3581

251.7157, 0.3302,
0.3384

 3.4590, 0.3865,
0.3649

302.6686, 0.3291,

 1.3758, 0.4145,

0.3378

0.3767

360.0715, 0.3282,
0.3373

0.1988, 0.6277,
0.3723

0.0000, 0.0000,
0.0000

59.9216, 0.3410,
0.3439

59.9216, 0.3410,
0.3439

52.8194, 0.3624,
0.3537

67.7857, 0.3227,
0.3345

46.4477, 0.3873,
0.3637

76.4259, 0.3071,
0.3258

40.7845, 0.4158,
0.3732

85.8663, 0.2939,
0.3177

35.8038, 0.4475,
0.3814

94.2722, 0.2929,
0.3289

■ 31.4777, 0.4813,
0.3873

■ 27.7761, 0.5155,
0.3895

■ 24.6659, 0.5473,
0.3869

■ 22.1099, 0.5737,
0.3792

■ 21.2713, 0.5826,
0.3756

Harmonies

Analogous

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



59.9216, 0.3385, 0.3321



59.9216, 0.3410, 0.3439



59.9216, 0.3358, 0.3521

Triad

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



59.9216, 0.3410, 0.3439



59.9216, 0.2966, 0.3382



59.9216, 0.3008, 0.3051

Complementary

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



59.9216, 0.3410, 0.3439



61.3410, 0.2876, 0.3136

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.



59.9216, 0.2900, 0.3061



59.9216, 0.3410, 0.3439



59.9216, 0.2876, 0.3250

Square

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



59.9216, 0.3410, 0.3439



59.9216, 0.3100, 0.3490



59.9216, 0.2852, 0.3132



59.9216, 0.3150, 0.3101

Rectangle

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



59.9216, 0.3410, 0.3439



59.9216, 0.3287, 0.3542



59.9216, 0.2852, 0.3132



59.9216, 0.2966, 0.3047

Sweetspot

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



59.9243, 0.3410, 0.3439



94.1126, 0.3207, 0.3335



55.2860, 0.3244, 0.3026



19.9715, 0.3219, 0.3341



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.



59.9243, 0.3410, 0.3439



79.0602, 0.3470, 0.3468



68.5075, 0.3379, 0.3633



14.5050, 0.3283, 0.3375



12.8250, 0.5800, 0.3777



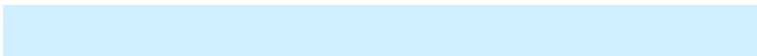
1.0547, 0.5506, 0.4010

Inverse Universe

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



61.3410, 0.2876, 0.3136



81.3017, 0.2830, 0.3106



53.1651, 0.2867, 0.2922



14.6980, 0.2981, 0.3203



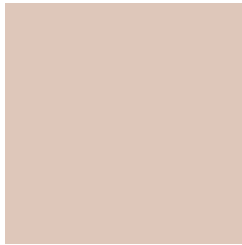
14.8403, 0.1908, 0.2069



1.1965, 0.1966, 0.2279

Previews

White Background



This preview shows how the Yxy color 59.9216, 0.3410, 0.3439 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 59.9216, 0.3410, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

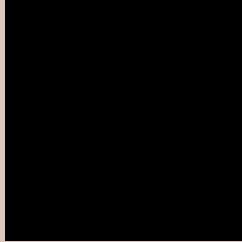
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9216, 0.3410, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 59.9216, 0.3410, 0.3439.



This preview shows how white text looks on a background with the Yxy color 59.9216, 0.3410, 0.3439.

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

59.9216, 0.3410, 0.3439

Protanopia

60.1916, 0.3299, 0.3466

Deuteranopia

59.7257, 0.3466, 0.3392



Tritanopia

59.7409, 0.3247, 0.3112

Trichromacy



Original Color

59.9216, 0.3410, 0.3439

Protanomaly

60.2760, 0.3340, 0.3465

Deuteranomaly

59.6891, 0.3439, 0.3404

Tritanomaly

59.5914, 0.3307, 0.3223

Monochromacy



Original Color

59.9216, 0.3410, 0.3439

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1212, 0.3234, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9216, 0.3410, 0.3439 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(222, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 186)  
}
```

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(222, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.9216, 0.3410, 0.3439 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(222, 199, 186) }
```

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

```
.border{ border-color:rgb(222, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9216, 0.3410, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 186) }
```

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

```
.background{ background-color: rgb(222,  
199, 186) }
```

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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