

Converting Colors

$Y_{xy}(59.5176, 0.3358, 0.3402)$

Have a look what the booklet for
Yxy(59.5176, 0.3358, 0.3402)
contains.

Yxy(59.5810, 0.3362, 0.3406)	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(59.5810, 0.3362, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7BD
RGB	219, 199, 189
RGB Percent	86%, 78%, 74%
CMY	0.1413, 0.2195, 0.2589
CMYK	0.00, 0.09, 0.14, 0.14
HSL	20°, 29%, 80%
HSV	20°, 14%, 86%
XYZ	58.8113, 59.5810, 56.5372
YIQ	203.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

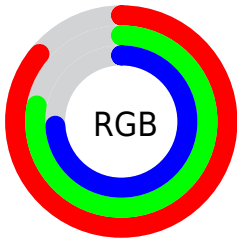
Format	Color
RYB	219, 204, 189
Decimal	14403517
CIELab	81.61, 5.33, 7.54
CIELCh	82, 9.237, 54.728
Yxy	59.5810, 0.3362, 0.3406
Android (android.graphics.Color)	4292593597 (0xFFDBC7BD)
YUV	203.8400, -7.3161, 13.2953
Hunter-Lab	77.1887, 0.9217, 10.6049

Details

The Yxy color **59.5810, 0.3362, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4936, 0.2916, 0.3171**, and the grayscale version is **60.3152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **29.9209, 0.3423, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **52.3174, 0.3570, 0.3497**, and if you desaturate by 10%, it is **67.6351, 0.3185, 0.3320**.

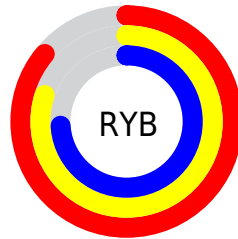
Distribution



Red (86%)

Green (78%)

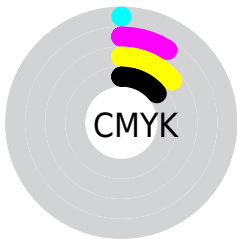
Blue (74%)



Red (86%)

Yellow (80%)

Blue (74%)

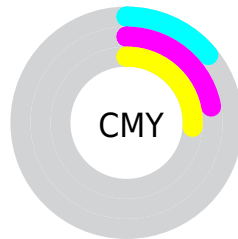


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5810, 0.3362, 0.3406 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 59.5810, 0.3362, 0.3406 by changing the saturation by 10% instead.

 59.5810, 0.3362,
0.3406

 59.5810, 0.3362,
0.3406

423.0516, 0.3249,
0.3351

 43.0810, 0.3389,
0.3419


 104.2216, 0.3322,
0.3387

 29.9487, 0.3423,
0.3435


133.1310, 0.3306,
0.3379

 19.7996, 0.3467,
0.3455


166.9457, 0.3293,
0.3373

 12.2495, 0.3527,
0.3482

206.0500, 0.3282,
0.3368

 6.9138, 0.3612,
0.3519

250.8283, 0.3272,
0.3363

 3.4083, 0.3742,
0.3573

301.6651, 0.3263,

 1.3484, 0.3970,

0.3359

0.3662

358.9448, 0.3256,
0.3355

0.1782, 0.6270,
0.3730

0.0000, 0.0000,
0.0000

59.5810, 0.3362,
0.3406

59.5810, 0.3362,
0.3406

52.3174, 0.3570,
0.3497

67.6351, 0.3185,
0.3320

45.8120, 0.3814,
0.3589

76.4949, 0.3036,
0.3240

40.0418, 0.4095,
0.3679

86.1853, 0.2909,
0.3167

34.9796, 0.4413,
0.3760

93.7935, 0.2911,
0.3289

■ 30.5964, 0.4758,
0.3820

■ 26.8612, 0.5114,
0.3847

■ 23.7398, 0.5452,
0.3830

■ 21.1943, 0.5741,
0.3763

■ 19.8581, 0.5893,
0.3703

Harmonies

Analogous

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



59.5810, 0.3335, 0.3307



59.5810, 0.3362, 0.3406



59.5810, 0.3325, 0.3477

Triad

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



59.5810, 0.3362, 0.3406



59.5810, 0.3003, 0.3376



59.5810, 0.3018, 0.3089

Complementary

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



59.5810, 0.3362, 0.3406



61.4936, 0.2916, 0.3171

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.



59.5810, 0.2932, 0.3104



59.5810, 0.3362, 0.3406



59.5810, 0.2924, 0.3268

Square

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



59.5810, 0.3362, 0.3406



59.5810, 0.3116, 0.3462



59.5810, 0.2898, 0.3168



59.5810, 0.3135, 0.3127

Rectangle

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



59.5810, 0.3362, 0.3406



59.5810, 0.3269, 0.3498



59.5810, 0.2898, 0.3168



59.5810, 0.2985, 0.3088

Sweetspot

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



59.5836, 0.3362, 0.3406



95.1072, 0.3191, 0.3323



56.0455, 0.3219, 0.3063



20.1644, 0.3203, 0.3329



0.0000, 0.0000, 0.0000



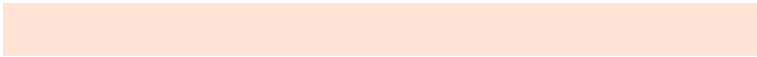
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.5836, 0.3362, 0.3406



81.5343, 0.3410, 0.3428



66.8013, 0.3339, 0.3573



13.7602, 0.3283, 0.3369



11.9610, 0.5866, 0.3724



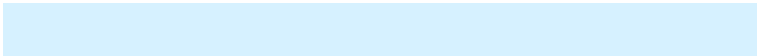
0.9306, 0.5548, 0.3977

Inverse Universe

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



61.4936, 0.2916, 0.3171



84.6592, 0.2878, 0.3148



54.5056, 0.2911, 0.2990



14.0569, 0.2982, 0.3210



15.3743, 0.1934, 0.2162



1.1523, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 59.5810, 0.3362, 0.3406 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 59.5810, 0.3362, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

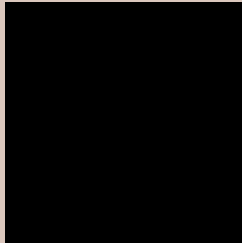
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5810, 0.3362, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 59.5810, 0.3362, 0.3406.



This preview shows how white text looks on a background with the Yxy color 59.5810, 0.3362, 0.3406.

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

59.5810, 0.3362, 0.3406

Protanopia

59.5580, 0.3262, 0.3420

Deuteranopia

59.5285, 0.3425, 0.3359



Tritanopia

59.7126, 0.3222, 0.3122

Trichromacy



Original Color

59.5810, 0.3362, 0.3406

Protanomaly

59.6371, 0.3303, 0.3419

Deuteranomaly

59.4975, 0.3399, 0.3370

Tritanomaly

59.6165, 0.3274, 0.3223

Monochromacy



Original Color

59.5810, 0.3362, 0.3406

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9199, 0.3203, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5810, 0.3362, 0.3406 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(219, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 189)  
}
```

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(219, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.5810, 0.3362, 0.3406 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(219, 199, 189) }
```

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

```
.border{ border-color:rgb(219, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 199, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 199, 189); box-shadow:4px 4px 4px 4px rgb(219, 199, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5810, 0.3362, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 189) }
```

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

```
.background{ background-color: rgb(219,  
199, 189) }
```

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