

Converting Colors

$Yxy(59.6477, 0.3265, 0.3354)$

Have a look what the booklet for
Yxy(59.6477, 0.3265, 0.3354)
contains.

Yxy(59.8596, 0.3266, 0.3360)	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(59.8596, 0.3266, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9C3
RGB	213, 201, 195
RGB Percent	84%, 79%, 76%
CMY	0.1645, 0.2118, 0.2353
CMYK	0.00, 0.06, 0.08, 0.16
HSL	20°, 18%, 80%
HSV	20°, 8%, 84%
XYZ	58.1850, 59.8596, 60.1090
YIQ	203.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

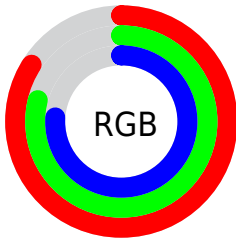
Format	Color
R _Y B	213, 204, 195
Decimal	14010819
CIE Lab	81.76, 3.16, 4.49
CIE LCh	82, 5.489, 54.833
Yxy	59.8596, 0.3266, 0.3360
Android (android.graphics.Color)	4292200899 (0xFFD5C9C3)
YUV	203.9040, -4.3897, 7.9772
Hunter-Lab	77.3690, -1.1557, 8.0951

Details

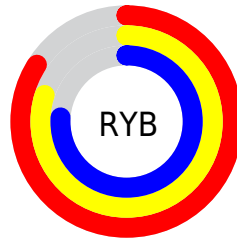
The Yxy color **59.8596, 0.3266, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0493, 0.2997, 0.3219**, and the grayscale version is **60.3477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **30.0596, 0.3302, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **52.6421, 0.3457, 0.3448**, and if you desaturate by 10%, it is **67.8334, 0.3104, 0.3278**.

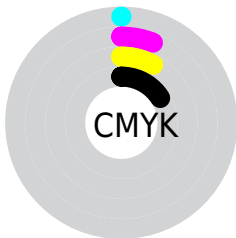
Distribution



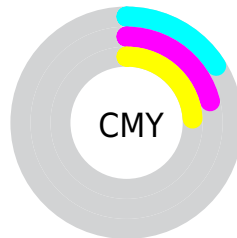
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8596, 0.3266, 0.3360 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 59.8596, 0.3266, 0.3360 by changing the saturation by 10% instead.

■ 59.8596, 0.3266,
0.3360

■ 59.8596, 0.3266,
0.3360

■ 424.0801, 0.3199,
0.3327

■ 43.3055, 0.3282,
0.3368

■ 104.6260, 0.3242,
0.3348

■ 30.1249, 0.3302,
0.3378

■ 133.6070, 0.3233,
0.3344

■ 19.9334, 0.3328,
0.3390

■ 167.4992, 0.3226,
0.3340

■ 12.3466, 0.3363,
0.3407

■ 206.6868, 0.3219,
0.3337

■ 6.9802, 0.3413,
0.3430

■ 251.5543, 0.3213,
0.3334

■ 3.4497, 0.3489,
0.3465

■ 302.4861, 0.3208,

■ 1.3708, 0.3621,

0.3331

359.8665, 0.3203,
0.3329

0.3523

0.1950, 0.5738,
0.4262

0.0000, 0.0000,
0.0000

59.8596, 0.3266,
0.3360

59.8596, 0.3266,
0.3360

52.6421, 0.3457,
0.3448

67.8334, 0.3104,
0.3278

46.1506, 0.3682,
0.3539

76.5769, 0.2967,
0.3202

40.3642, 0.3943,
0.3630

85.8594, 0.2872,
0.3172

35.2581, 0.4242,
0.3716

92.8923, 0.2877,
0.3289

■ 30.8061, 0.4574,
0.3788

■ 26.9798, 0.4928,
0.3834

■ 23.7487, 0.5280,
0.3841

■ 21.0792, 0.5599,
0.3801

■ 18.9302, 0.5859,
0.3715

Harmonies

Analogous

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



59.8596, 0.3250, 0.3301



59.8596, 0.3266, 0.3360



59.8596, 0.3244, 0.3401

Triad

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



59.8596, 0.3266, 0.3360



59.8596, 0.3053, 0.3341



59.8596, 0.3063, 0.3170

Complementary

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



59.8596, 0.3266, 0.3360



61.0493, 0.2997, 0.3219

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.



59.8596, 0.3011, 0.3179



59.8596, 0.3266, 0.3360



59.8596, 0.3006, 0.3277

Square

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



59.8596, 0.3266, 0.3360



59.8596, 0.3121, 0.3391



59.8596, 0.2990, 0.3218



59.8596, 0.3132, 0.3192

Rectangle

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



59.8596, 0.3266, 0.3360



59.8596, 0.3211, 0.3413



59.8596, 0.2990, 0.3218



59.8596, 0.3043, 0.3170

Sweetspot

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



59.8622, 0.3266, 0.3360



96.3030, 0.3175, 0.3315



57.6979, 0.3179, 0.3148



20.4051, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



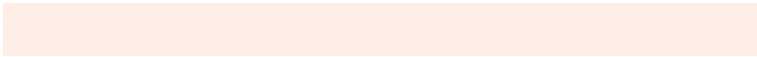
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8622, 0.3266, 0.3360



88.0845, 0.3295, 0.3374



64.0525, 0.3256, 0.3460



13.0891, 0.3283, 0.3368



11.5514, 0.5869, 0.3722



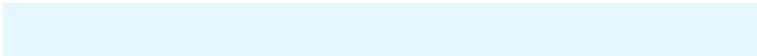
0.8467, 0.5531, 0.3990

Inverse Universe

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



61.0493, 0.2997, 0.3219



90.1867, 0.2972, 0.3205



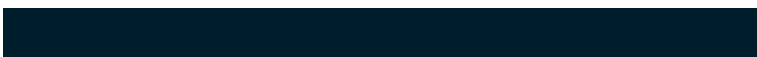
56.9310, 0.2997, 0.3115



13.3793, 0.2982, 0.3211



14.9718, 0.1936, 0.2171



1.0522, 0.1996, 0.2387

Previews

White Background



This preview shows how the Yxy color 59.8596, 0.3266, 0.3360 looks on a white background.

Color Contrast Check

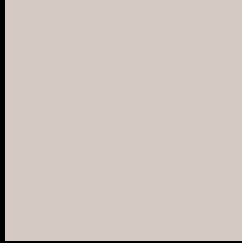
Large Text (above 18pt) WCAG AA × Fail

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 59.8596, 0.3266, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

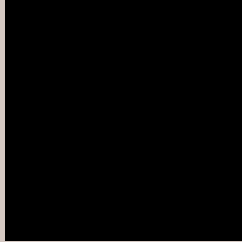
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8596, 0.3266, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 59.8596, 0.3266, 0.3360.

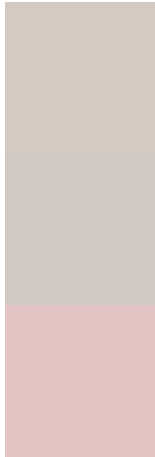


This preview shows how white text looks on a background with the Yxy color 59.8596, 0.3266, 0.3360.

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

59.8596, 0.3266, 0.3360

Protanopia

59.7819, 0.3225, 0.3360

Deuteranopia

59.6341, 0.3370, 0.3291



Tritanopia

59.8421, 0.3151, 0.3109

Trichromacy



Original Color

59.8596, 0.3266, 0.3360

Protanomaly

59.9282, 0.3233, 0.3360

Deuteranomaly

59.7458, 0.3326, 0.3313

Tritanomaly

59.7989, 0.3194, 0.3199

Monochromacy



Original Color

59.8596, 0.3266, 0.3360

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.1943, 0.3172, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8596, 0.3266, 0.3360 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(213, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 195)  
}
```

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(213, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 59.8596, 0.3266, 0.3360 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(213, 201, 195) }
```

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

```
.border{ border-color:rgb(213, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8596, 0.3266, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 195) }
```

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

```
.background{ background-color: rgb(213,  
201, 195) }
```

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