

Converting Colors

Yxy(59.2518, 0.3461, 0.3680)

Have a look what the booklet for
Yxy(59.2518, 0.3461, 0.3680)
contains.

Yxy(59.2518, 0.3461, 0.3680)	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(59.2518, 0.3461, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	D5CAA9
RGB	213, 202, 169
RGB Percent	84%, 79%, 66%
CMY	0.1646, 0.2078, 0.3373
CMYK	0.00, 0.05, 0.21, 0.16
HSL	45°, 34%, 75%
HSV	45°, 21%, 84%
XYZ	55.7257, 59.2518, 46.0329
YIQ	201.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

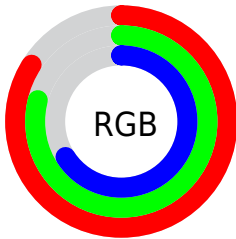
Format	Color
RYB	184, 213, 169
Decimal	14011049
CIELab	81.43, -1.48, 17.88
CIELCh	81, 17.937, 94.717
Yxy	59.2518, 0.3461, 0.3680
Android (android.graphics.Color)	4292201129 (0xFFD5CAA9)
YUV	201.5270, -16.0358, 10.0618
Hunter-Lab	76.9752, -5.4827, 18.4259

Details

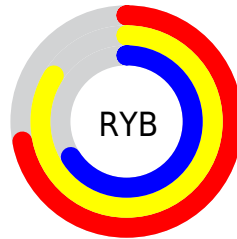
The Yxy color **59.2518, 0.3461, 0.3680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8869, 0.2793, 0.2867**, and the grayscale version is **58.8489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **29.7333, 0.3544, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **56.0598, 0.3640, 0.3875**, and if you desaturate by 10%, it is **62.6658, 0.3293, 0.3487**.

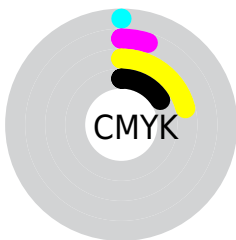
Distribution



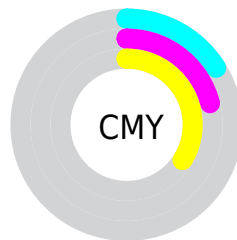
- Red (84%)
- Green (79%)
- Blue (66%)



- Red (72%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2518, 0.3461, 0.3680 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 59.2518, 0.3461, 0.3680 by changing the saturation by 10% instead.

 59.2518, 0.3461,
0.3680

 59.2518, 0.3461,
0.3680

421.8344, 0.3301,
0.3493

 42.8159, 0.3499,
0.3724


 103.7435, 0.3405,
0.3614

 29.7407, 0.3546,
0.3780


132.5681, 0.3383,
0.3588

 19.6418, 0.3606,
0.3852


166.2910, 0.3365,
0.3566

 12.1350, 0.3686,
0.3948

205.2967, 0.3349,
0.3548

 6.8357, 0.3797,
0.4082

249.9694, 0.3335,
0.3531

 3.3595, 0.3958,
0.4281

300.6937, 0.3322,

 1.3222, 0.4549,

0.3517

0.4970

357.8539, 0.3311,
0.3504

0.1583, 0.4196,
0.5804

0.0000, 0.0000,
0.0000

59.2518, 0.3461,
0.3680

59.2518, 0.3461,
0.3680

56.0598, 0.3640,
0.3875

62.6658, 0.3293,
0.3487

53.0748, 0.3827,
0.4067

66.3007, 0.3137,
0.3302

50.2917, 0.4016,
0.4246

70.1654, 0.2995,
0.3127

47.7022, 0.4199,
0.4403

74.2660, 0.2867,
0.2964

45.2969, 0.4369,
0.4526

77.2164, 0.2865,
0.3013

43.0654, 0.4517,
0.4606

80.2061, 0.2867,
0.3070

40.9955, 0.4636,
0.4639

83.2871, 0.2870,
0.3126

39.1895, 0.4723,
0.4632

86.4602, 0.2872,
0.3182

89.7262, 0.2875,
0.3238

Harmonies

Analogous

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



59.2518, 0.3576, 0.3563



59.2518, 0.3461, 0.3680



59.2518, 0.3258, 0.3691

Triad

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



59.2518, 0.3461, 0.3680



59.2518, 0.2707, 0.3171



59.2518, 0.3218, 0.3022

Complementary

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



59.2518, 0.3461, 0.3680



45.8869, 0.2793, 0.2867

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.



59.2518, 0.2984, 0.2921



59.2518, 0.3461, 0.3680



59.2518, 0.2697, 0.2998

Square

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



59.2518, 0.3461, 0.3680



59.2518, 0.2826, 0.3388



59.2518, 0.2796, 0.2911



59.2518, 0.3433, 0.3187

Rectangle

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



59.2518, 0.3461, 0.3680



59.2518, 0.3103, 0.3631



59.2518, 0.2796, 0.2911



59.2518, 0.3138, 0.2979

Sweetspot

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



59.2545, 0.3461, 0.3680



96.6348, 0.3219, 0.3401



45.8483, 0.3431, 0.3149



20.6070, 0.3230, 0.3413



0.0000, 0.0000, 0.0000



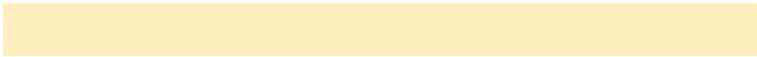
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2545, 0.3461, 0.3680



86.7928, 0.3542, 0.3770



63.1223, 0.3356, 0.3816



13.9691, 0.3273, 0.3464



24.1040, 0.4714, 0.4639



1.5814, 0.4605, 0.4726

Inverse Universe

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



45.8869, 0.2793, 0.2867



63.0532, 0.2711, 0.2759



42.7949, 0.2866, 0.2734



12.5086, 0.2982, 0.3110



4.6446, 0.1583, 0.0897



0.4129, 0.1677, 0.1235

Previews

White Background



This preview shows how the Yxy color 59.2518, 0.3461, 0.3680 looks on a white background.

Color Contrast Check

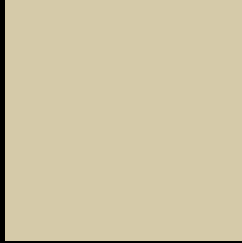
Large Text (above 18pt) WCAG AA × Fail

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 59.2518, 0.3461, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

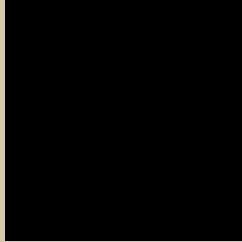
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

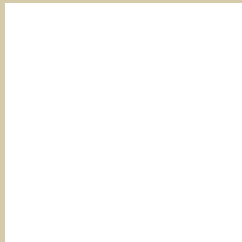
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2518, 0.3461, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 59.2518, 0.3461, 0.3680.

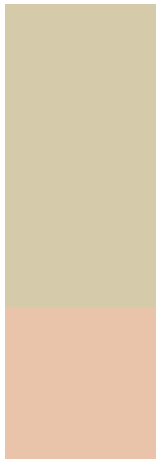


This preview shows how white text looks on a background with the Yxy color 59.2518, 0.3461, 0.3680.

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

59.2518, 0.3461, 0.3680

Protanopia

59.2518, 0.3461, 0.3680

Deuteranopia

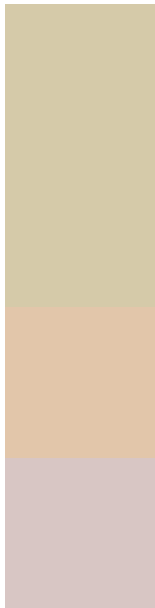
59.2561, 0.3639, 0.3571



Tritanopia

59.0884, 0.3190, 0.3121

Trichromacy



Original Color

59.2518, 0.3461, 0.3680

Protanomaly

59.2518, 0.3461, 0.3680

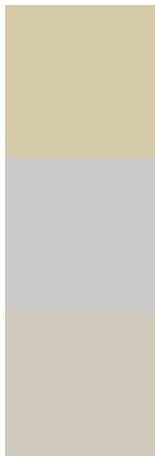
Deuteranomaly

59.4592, 0.3571, 0.3611

Tritanomaly

58.9726, 0.3286, 0.3314

Monochromacy



Original Color

59.2518, 0.3461, 0.3680

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0806, 0.3246, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2518, 0.3461, 0.3680 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, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 169)  
}
```

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, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 169) }
```

Border

The CSS property to change the border of an element to Yxy 59.2518, 0.3461, 0.3680 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, 202, 169) }
```

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

```
.border{ border-color:rgb(213, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 202, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 202, 169); box-shadow:4px 4px 4px 4px rgb(213, 202, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2518, 0.3461, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 169) }
```

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

```
.background{ background-color: rgb(213,  
202, 169) }
```

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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