

Converting Colors

$Yxy(59.2794, 0.3626, 0.4032)$

Have a look what the booklet for
Yxy(59.2794, 0.3626, 0.4032)
contains.

Yxy(59.3475, 0.3622, 0.4028)	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(59.3475, 0.3622, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	D2CD8F
RGB	210, 205, 143
RGB Percent	82%, 80%, 56%
CMY	0.1765, 0.1960, 0.4393
CMYK	0.00, 0.02, 0.32, 0.18
HSL	56°, 43%, 69%
HSV	56°, 32%, 82%
XYZ	53.3656, 59.3475, 34.6243
YIQ	199.4270, 22.8820, -18.2220

Conversions

Conversions Part 2

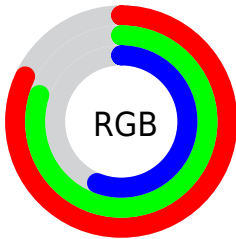
Format	Color
RYB	148, 210, 143
Decimal	13815183
CIELab	81.48, -7.69, 31.56
CIELCh	81, 32.485, 103.701
Yxy	59.3475, 0.3622, 0.4028
Android (android.graphics.Color)	4292005263 (0xFFD2CD8F)
YUV	199.4270, -27.8185, 9.2725
Hunter-Lab	77.0373, -11.1641, 27.2783

Details

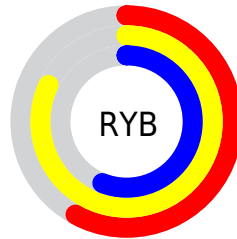
The Yxy color **59.3475, 0.3622, 0.4028** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6638, 0.2570, 0.2426**, and the grayscale version is **57.5523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **29.8745, 0.3741, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **58.0283, 0.3777, 0.4252**, and if you desaturate by 10%, it is **60.7987, 0.3463, 0.3795**.

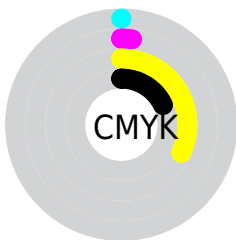
Distribution



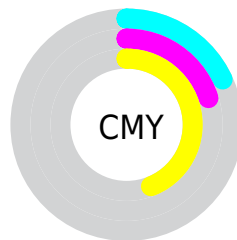
- Red (82%)
- Green (80%)
- Blue (56%)



- Red (58%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (18%)




- Cyan (18%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3475, 0.3622, 0.4028 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 59.3475, 0.3622, 0.4028 by changing the saturation by 10% instead.


 59.3475, 0.3622,
0.4028


 59.3475, 0.3622,
0.4028

422.1885, 0.3391,
0.3672

 42.8929, 0.3674,
0.4112


 103.8826, 0.3542,
0.3902

 29.8011, 0.3737,
0.4217


 132.7318, 0.3511,
0.3854

 19.6877, 0.3816,
0.4351


166.4814, 0.3484,
0.3812

 12.1682, 0.3914,
0.4526

205.5158, 0.3461,
0.3776

 6.8583, 0.4035,
0.4762

250.2193, 0.3440,
0.3745

 3.3737, 0.4244,
0.5169

300.9763, 0.3422,

 1.3298, 0.4373,

0.3718

0.5627

358.1712, 0.3406,
0.3693

0.1641, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.3475, 0.3622,
0.4028

59.3475, 0.3622,
0.4028

58.0283, 0.3777,
0.4252

60.7987, 0.3463,
0.3795

56.8263, 0.3923,
0.4457


62.3799, 0.3306,
0.3561


55.7369, 0.4054,
0.4634


64.0997, 0.3155,
0.3333

54.7519, 0.4163,
0.4775


65.9633, 0.3012,
0.3114


 53.8618, 0.4246,
0.4872


 67.9759, 0.2879,
0.2910


 53.0555, 0.4301,
0.4925

 69.2085, 0.2838,
0.2856

 52.4483, 0.4331,
0.4943

 70.0051, 0.2839,
0.2873

 70.8094, 0.2840,
0.2890

 71.6213, 0.2841,
0.2907

Harmonies

Analogous

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



59.3475, 0.3896, 0.3843



59.3475, 0.3622, 0.4028



59.3475, 0.3225, 0.4001

Triad

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



59.3475, 0.3622, 0.4028



59.3475, 0.2362, 0.2954



59.3475, 0.3411, 0.2895

Complementary

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



59.3475, 0.3622, 0.4028



31.6638, 0.2570, 0.2426

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.



59.3475, 0.2984, 0.2686



59.3475, 0.3622, 0.4028



59.3475, 0.2403, 0.2700

Square

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



59.3475, 0.3622, 0.4028



59.3475, 0.2509, 0.3336



59.3475, 0.2622, 0.2612



59.3475, 0.3777, 0.3198

Rectangle

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



59.3475, 0.3622, 0.4028



59.3475, 0.2949, 0.3848



59.3475, 0.2622, 0.2612



59.3475, 0.3269, 0.2813

Sweetspot

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



59.3502, 0.3622, 0.4028



97.2604, 0.3279, 0.3519



35.4990, 0.3792, 0.3222



20.7392, 0.3301, 0.3552



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.



59.3502, 0.3622, 0.4028



90.7374, 0.3724, 0.4176



58.0275, 0.3379, 0.4144



13.6407, 0.3268, 0.3503



32.0597, 0.4329, 0.4945



1.8385, 0.4301, 0.4967

Inverse Universe

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



31.6638, 0.2570, 0.2426



41.5217, 0.2437, 0.2215



32.9423, 0.2801, 0.2414



11.5570, 0.2982, 0.3068



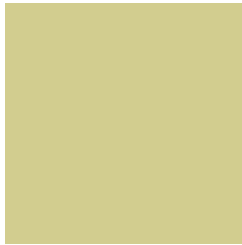
3.1142, 0.1515, 0.0652



0.2246, 0.1560, 0.0815

Previews

White Background



This preview shows how the Yxy color 59.3475, 0.3622, 0.4028 looks on a white background.

Color Contrast Check

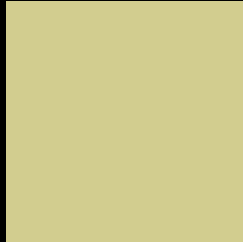
Large Text (above 18pt) WCAG AA × Fail

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 59.3475, 0.3622, 0.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

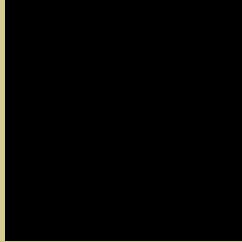
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3475, 0.3622, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 59.3475, 0.3622, 0.4028.



This preview shows how white text looks on a background with the Yxy color 59.3475, 0.3622, 0.4028.

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

59.3475, 0.3622, 0.4028

Protanopia

59.0995, 0.3708, 0.3990

Deuteranopia

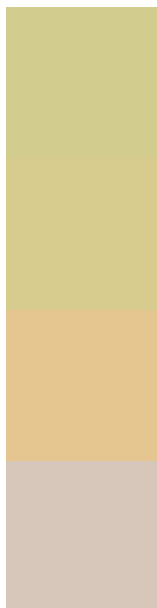
59.1532, 0.3905, 0.3828



Tritanopia

59.1387, 0.3183, 0.3109

Trichromacy



Original Color

59.3475, 0.3622, 0.4028

Protanomaly

59.1119, 0.3678, 0.4007

Deuteranomaly

59.0598, 0.3802, 0.3902

Tritanomaly

58.8818, 0.3345, 0.3430

Monochromacy



Original Color

59.3475, 0.3622, 0.4028

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7245, 0.3305, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3475, 0.3622, 0.4028 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(210, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(210, 205, 143)  
}
```

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(210, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.3475, 0.3622, 0.4028 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(210, 205, 143) }
```

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

```
.border{ border-color:rgb(210, 205, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 143);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3475, 0.3622, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 143) }
```

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

```
.background{ background-color: rgb(210,  
205, 143) }
```

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