

Converting Colors

Yxy(59.9586, 0.3657, 0.4020)

Have a look what the booklet for
Yxy(59.9586, 0.3657, 0.4020)
contains.

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Color

Yxy(59.9420, 0.3656, 0.4019)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6CD8F |
| RGB | 214, 205, 143 |
| RGB Percent | 84%, 80%, 56% |
| CMY | 0.1606, 0.1961, 0.4393 |
| CMYK | 0.00, 0.04, 0.33, 0.16 |
| HSL | 52°, 46%, 70% |
| HSV | 52°, 33%, 84% |
| XYZ | 54.5280, 59.9420, 34.6766 |
| YIQ | 200.6230, 25.2660, -17.3740 |

Conversions

Conversions Part 2

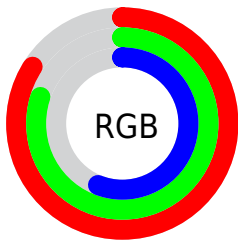
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 153, 214, 143 |
| Decimal | 14077327 |
| CIE Lab | 81.81, -6.12, 32.05 |
| CIE LCh | 82, 32.631, 100.809 |
| Yxy | 59.9420, 0.3656, 0.4019 |
| Android (android.graphics.Color) | 4292267407 (0xFFD6CD8F) |
| YUV | 200.6230, -28.4081, 11.7316 |
| Hunter-Lab | 77.4222, -9.7725, 27.6402 |

Details

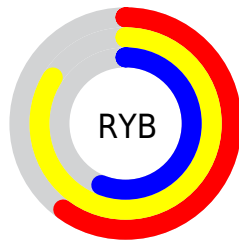
The Yxy color **59.9420, 0.3656, 0.4019** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1614, 0.2550, 0.2437**, and the grayscale version is **58.3340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **30.1750, 0.3774, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **58.0649, 0.3820, 0.4232**, and if you desaturate by 10%, it is **61.9710, 0.3490, 0.3797**.

Distribution



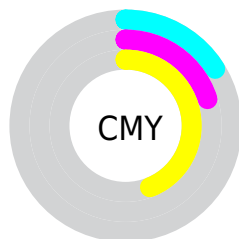
- Red (84%)
- Green (80%)
- Blue (56%)



- Red (60%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9420, 0.3656, 0.4019 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 59.9420, 0.3656, 0.4019 by changing the saturation by 10% instead.


 59.9420, 0.3656,
0.4019

 59.9420, 0.3656,
0.4019


424.3840, 0.3409,
0.3669

 43.3719, 0.3712,
0.4101


 104.7455, 0.3570,
0.3896

 30.1770, 0.3780,
0.4203


 133.7477, 0.3537,
0.3848

 19.9730, 0.3864,
0.4332


167.6628, 0.3508,
0.3808

 12.3754, 0.3970,
0.4500

206.8750, 0.3483,
0.3772

 6.9999, 0.4102,
0.4724

251.7688, 0.3461,
0.3742

 3.4620, 0.4325,
0.5104

302.7287, 0.3442,

 1.3774, 0.4482,

0.3715

0.5518

360.1389, 0.3424,
0.3691

■ 0.2000, 0.1691,
0.8309

■ 0.0000, 0.0000,
0.0000

■ 59.9420, 0.3656,
0.4019

■ 59.9420, 0.3656,
0.4019

■ 58.0649, 0.3820,
0.4232

■ 61.9710, 0.3490,
0.3797

■ 56.3243, 0.3977,
0.4427

■ 64.1504, 0.3329,
0.3575

■ 54.7151, 0.4120,
0.4593

■ 66.4890, 0.3174,
0.3357

■ 53.2284, 0.4241,
0.4723

■ 68.9926, 0.3030,
0.3150

■ 51.8542, 0.4337,
0.4809

■ 71.6666, 0.2896,
0.2956

■ 50.5801, 0.4405,
0.4849

■ 73.4139, 0.2868,
0.2935

■ 49.7564, 0.4439,
0.4857

■ 74.8670, 0.2869,
0.2964

■ 76.3436, 0.2870,
0.2993

■ 77.8437, 0.2872,
0.3023

Harmonies

Analogous

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



59.9420, 0.3913, 0.3818



59.9420, 0.3656, 0.4019



59.9420, 0.3266, 0.4015

Triad

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



59.9420, 0.3656, 0.4019



59.9420, 0.2368, 0.2986



59.9420, 0.3371, 0.2870

Complementary

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



59.9420, 0.3656, 0.4019



33.1614, 0.2550, 0.2437

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.



59.9420, 0.2945, 0.2672



59.9420, 0.3656, 0.4019



59.9420, 0.2390, 0.2716

Square

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



59.9420, 0.3656, 0.4019



59.9420, 0.2532, 0.3377



59.9420, 0.2593, 0.2613



59.9420, 0.3749, 0.3166

Rectangle

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



59.9420, 0.3656, 0.4019



59.9420, 0.2987, 0.3877



59.9420, 0.2593, 0.2613



59.9420, 0.3227, 0.2791

Sweetspot

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



59.9447, 0.3656, 0.4019



96.4119, 0.3280, 0.3507



36.2248, 0.3792, 0.3175



20.5324, 0.3302, 0.3538



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.



59.9447, 0.3656, 0.4019



87.0752, 0.3775, 0.4174



60.7844, 0.3416, 0.4174



14.2377, 0.3270, 0.3492



30.1696, 0.4435, 0.4861



1.8968, 0.4387, 0.4899

Inverse Universe

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



33.1614, 0.2550, 0.2437



41.2580, 0.2406, 0.2215



32.9372, 0.2753, 0.2365



12.2609, 0.2981, 0.3080



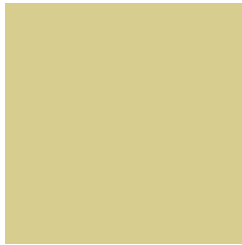
3.4986, 0.1528, 0.0702



0.2968, 0.1595, 0.0942

Previews

White Background



This preview shows how the Yxy color 59.9420, 0.3656, 0.4019 looks on a white background.

Color Contrast Check

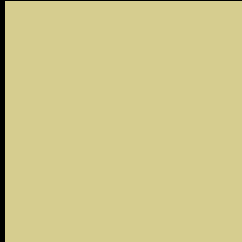
Large Text (above 18pt) WCAG AA × Fail

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 59.9420, 0.3656, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

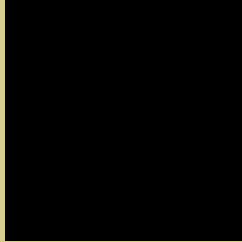
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9420, 0.3656, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 59.9420, 0.3656, 0.4019.



This preview shows how white text looks on a background with the Yxy color 59.9420, 0.3656, 0.4019.

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

59.9420, 0.3656, 0.4019

Protanopia

59.7249, 0.3712, 0.3998

Deuteranopia

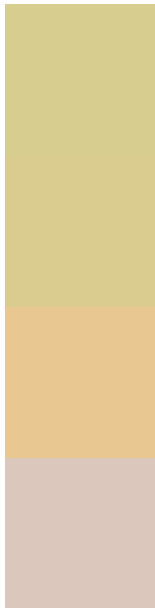
59.9518, 0.3918, 0.3835



Tritanopia

59.7629, 0.3215, 0.3111

Trichromacy



Original Color

59.9420, 0.3656, 0.4019

Protanomaly

59.8904, 0.3692, 0.4013

Deuteranomaly

60.0163, 0.3823, 0.3907

Tritanomaly

59.4948, 0.3378, 0.3429

Monochromacy



Original Color

59.9420, 0.3656, 0.4019

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6582, 0.3320, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9420, 0.3656, 0.4019 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(214, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.9420, 0.3656, 0.4019 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(214, 205, 143) }
```

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

```
.border{ border-color:rgb(214, 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(214, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9420, 0.3656, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 143) }
```

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

```
.background{ background-color: rgb(214,  
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](#).

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