

Converting Colors

$Yxy(59.3861, 0.3564, 0.3710)$

Have a look what the booklet for
Yxy(59.3861, 0.3564, 0.3710)
contains.

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Color

Yxy(59.2045, 0.3563, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	DCC8A4
RGB	220, 200, 164
RGB Percent	86%, 78%, 64%
CMY	0.1372, 0.2157, 0.3569
CMYK	0.00, 0.09, 0.25, 0.14
HSL	39°, 44%, 75%
HSV	39°, 25%, 86%
XYZ	56.8740, 59.2045, 43.5454
YIQ	201.8760, 23.4760, -6.9560

Conversions

Conversions Part 2

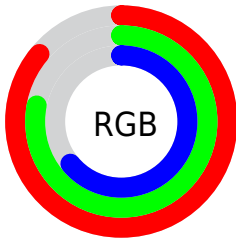
Format	Color
R_{YB}	195, 220, 164
Decimal	14469284
CIE Lab	81.40, 1.49, 20.59
CIE LCh	81, 20.639, 85.856
Yxy	59.2045, 0.3563, 0.3709
Android (android.graphics.Color)	4292659364 (0xFFDCC8A4)
YUV	201.8760, -18.6729, 15.8947
Hunter-Lab	76.9445, -2.7134, 20.3070

Details

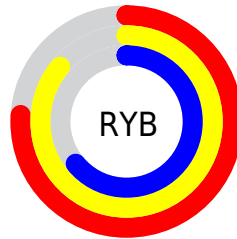
The Yxy color **59.2045, 0.3563, 0.3709** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3446, 0.2714, 0.2832**, and the grayscale version is **59.0912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **29.6201, 0.3671, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **54.9313, 0.3763, 0.3879**, and if you desaturate by 10%, it is **63.8078, 0.3379, 0.3540**.

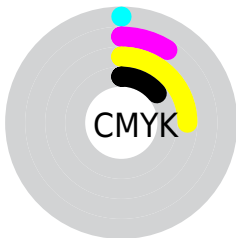
Distribution



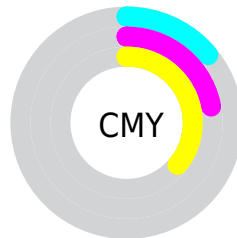
- Red (86%)
- Green (78%)
- Blue (64%)



- Red (76%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2045, 0.3563, 0.3709 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 59.2045, 0.3563, 0.3709 by changing the saturation by 10% instead.


 59.2045, 0.3563,
0.3709

 59.2045, 0.3563,
0.3709


421.6593, 0.3354,
0.3509

 42.7778, 0.3612,
0.3756


 103.6748, 0.3489,
0.3639

 29.7108, 0.3674,
0.3814


 132.4872, 0.3461,
0.3612

 19.6192, 0.3753,
0.3888


166.1969, 0.3437,
0.3589

 12.1185, 0.3858,
0.3986

205.1884, 0.3416,
0.3569

 6.8244, 0.4002,
0.4120

249.8459, 0.3397,
0.3551

 3.3526, 0.4210,
0.4309

300.5540, 0.3381,

 1.3184, 0.4967,

0.3535

0.5033

357.6970, 0.3367,
0.3522

■ 0.1554, 0.5423,
0.4577

■ 0.0000, 0.0000,
0.0000

■ 59.2045, 0.3563,
0.3709

■ 59.2045, 0.3563,
0.3709

■ 54.9313, 0.3763,
0.3879

■ 63.8078, 0.3379,
0.3540

■ 50.9704, 0.3976,
0.4044

■ 68.7426, 0.3211,
0.3376

■ 47.3138, 0.4195,
0.4193

■ 74.0202, 0.3061,
0.3221

■ 43.9502, 0.4412,
0.4316

■ 79.6491, 0.2927,
0.3076

■ 40.8669, 0.4617,
0.4401

■ 84.3526, 0.2912,
0.3128

■ 38.0496, 0.4799,
0.4438

■ 89.0645, 0.2915,
0.3210

■ 35.4816, 0.4948,
0.4423

■ 93.9590, 0.2917,
0.3289

■ 34.3880, 0.5009,
0.4405

Harmonies

Analogous

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



59.2045, 0.3656, 0.3545



59.2045, 0.3563, 0.3709



59.2045, 0.3352, 0.3764

Triad

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



59.2045, 0.3563, 0.3709



59.2045, 0.2674, 0.3222



59.2045, 0.3150, 0.2940

Complementary

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



59.2045, 0.3563, 0.3709



47.3446, 0.2714, 0.2832

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.



59.2045, 0.2890, 0.2854



59.2045, 0.3563, 0.3709



59.2045, 0.2624, 0.3003

Square

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



59.2045, 0.3563, 0.3709



59.2045, 0.2841, 0.3475



59.2045, 0.2702, 0.2873



59.2045, 0.3413, 0.3110

Rectangle

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



59.2045, 0.3563, 0.3709



59.2045, 0.3177, 0.3723



59.2045, 0.2702, 0.2873



59.2045, 0.3059, 0.2900

Sweetspot

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



59.2072, 0.3563, 0.3709



94.1921, 0.3253, 0.3418



45.2486, 0.3470, 0.3049



19.9346, 0.3278, 0.3442



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.



59.2072, 0.3563, 0.3709



79.1963, 0.3677, 0.3808



67.9564, 0.3452, 0.3936



14.4403, 0.3276, 0.3440



20.3953, 0.4993, 0.4417



1.4819, 0.4830, 0.4547

Inverse Universe

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



47.3446, 0.2714, 0.2832



59.7232, 0.2613, 0.2710



40.4245, 0.2749, 0.2579



13.3748, 0.2981, 0.3136



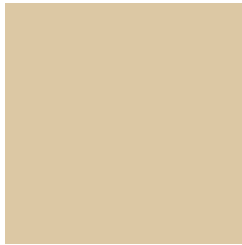
6.4734, 0.1653, 0.1150



0.5790, 0.1745, 0.1480

Previews

White Background



This preview shows how the Yxy color 59.2045, 0.3563, 0.3709 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 59.2045, 0.3563, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

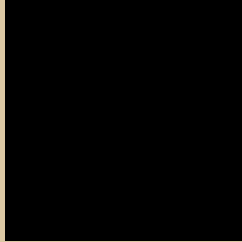
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2045, 0.3563, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 59.2045, 0.3563, 0.3709.



This preview shows how white text looks on a background with the Yxy color 59.2045, 0.3563, 0.3709.

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

59.2045, 0.3563, 0.3709

Protanopia

59.2538, 0.3500, 0.3727

Deuteranopia

58.9624, 0.3700, 0.3615



Tritanopia

59.1946, 0.3263, 0.3123

Trichromacy



Original Color

59.2045, 0.3563, 0.3709

Protanomaly

59.0888, 0.3519, 0.3713

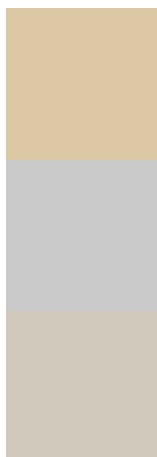
Deuteranomaly

59.0195, 0.3651, 0.3642

Tritanomaly

59.0181, 0.3369, 0.3325

Monochromacy



Original Color

59.2045, 0.3563, 0.3709

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9594, 0.3286, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2045, 0.3563, 0.3709 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(220, 200, 164)` looks like.

```
.text, #text, p{  
    color:rgb(220, 200, 164)  
}
```

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(220, 200, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 200, 164) }
```

Border

The CSS property to change the border of an element to Yxy 59.2045, 0.3563, 0.3709 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(220, 200, 164) }
```

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

```
.border{ border-color:rgb(220, 200, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 200, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 200, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 200, 164);  
box-shadow:4px 4px 4px 4px rgb(220, 200,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2045, 0.3563, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 200, 164) }
```

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

```
.background{ background-color: rgb(220,  
200, 164) }
```

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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