

Converting Colors

Yxy(57.1560, 0.3495, 0.3621)

Have a look what the booklet for
Yxy(57.1560, 0.3495, 0.3621)
contains.

Yxy(57.2442, 0.3489, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.2442, 0.3489, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	D7C5A9
RGB	215, 197, 169
RGB Percent	84%, 77%, 66%
CMY	0.1568, 0.2275, 0.3372
CMYK	0.00, 0.08, 0.21, 0.16
HSL	36°, 37%, 75%
HSV	36°, 21%, 84%
XYZ	55.1574, 57.2442, 45.6879
YIQ	199.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

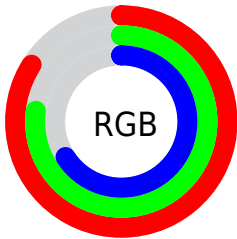
Format	Color
R_{YB}	199, 215, 169
Decimal	14140841
CIE Lab	80.32, 1.90, 16.33
CIE LCh	80, 16.442, 83.381
Yxy	57.2442, 0.3489, 0.3621
Android (android.graphics.Color)	4292330921 (0xFFD7C5A9)
YUV	199.1900, -14.8837, 13.8654
Hunter-Lab	75.6599, -2.2751, 17.1592

Details

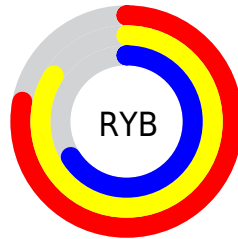
The Yxy color **57.2442, 0.3489, 0.3621** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.9029, 0.2786, 0.2935**, and the grayscale version is **57.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5254, 0.3311, 0.3582**, and **28.4029, 0.3585, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **52.7850, 0.3687, 0.3783**, and if you desaturate by 10%, it is **62.0552, 0.3309, 0.3462**.

Distribution



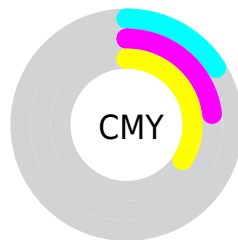
- Red (84%)
- Green (77%)
- Blue (66%)



- Red (78%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2442, 0.3489, 0.3621 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 57.2442, 0.3489, 0.3621 by changing the saturation by 10% instead.

 57.2442, 0.3489,
0.3621

 57.2442, 0.3489,
0.3621


414.3637, 0.3314,
0.3462

 41.2013, 0.3531,
0.3659


 100.8214, 0.3427,
0.3565

 28.4764, 0.3583,
0.3706


129.1246, 0.3403,
0.3543

 18.6851, 0.3651,
0.3766


162.2833, 0.3383,
0.3525

 11.4430, 0.3743,
0.3847

200.6819, 0.3365,
0.3509

 6.3656, 0.3871,
0.3959

244.7049, 0.3350,
0.3495

 3.0686, 0.4063,
0.4124

294.7366, 0.3337,

 1.1677, 0.4789,

0.3483

0.4794

351.1614, 0.3325,
0.3472

0.0351, 0.6942,
0.3058

0.0000, 0.0000,
0.0000

57.2442, 0.3489,
0.3621

57.2442, 0.3489,
0.3621

52.7850, 0.3687,
0.3783

62.0552, 0.3309,
0.3462

48.6598, 0.3902,
0.3943

67.2196, 0.3148,
0.3310

44.8608, 0.4128,
0.4092

72.7490, 0.3005,
0.3168

41.3765, 0.4360,
0.4220

78.6502, 0.2878,
0.3036

■ 38.1946, 0.4586,
0.4316

■ 83.4715, 0.2882,
0.3125

■ 35.3014, 0.4795,
0.4367

■ 88.5228, 0.2886,
0.3213

■ 32.6810, 0.4974,
0.4366

■ 93.1899, 0.2889,
0.3289

■ 30.6234, 0.5105,
0.4329

Harmonies

Analogous

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



57.2442, 0.3554, 0.3486



57.2442, 0.3489, 0.3621



57.2442, 0.3327, 0.3670

Triad

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



57.2442, 0.3489, 0.3621



57.2442, 0.2768, 0.3254



57.2442, 0.3128, 0.2996

Complementary

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



57.2442, 0.3489, 0.3621



48.9029, 0.2786, 0.2935

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.



57.2442, 0.2921, 0.2933



57.2442, 0.3489, 0.3621



57.2442, 0.2719, 0.3073

Square

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



57.2442, 0.3489, 0.3621



57.2442, 0.2911, 0.3455



57.2442, 0.2774, 0.2958



57.2442, 0.3341, 0.3131

Rectangle

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



57.2442, 0.3489, 0.3621



57.2442, 0.3187, 0.3643



57.2442, 0.2774, 0.2958



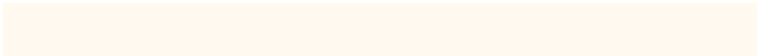
57.2442, 0.3056, 0.2966

Sweetspot

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



57.2468, 0.3489, 0.3621



95.2884, 0.3221, 0.3380



46.4395, 0.3389, 0.3072



20.2884, 0.3232, 0.3390



0.0000, 0.0000, 0.0000



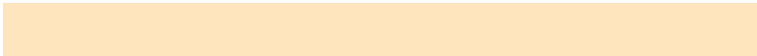
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2468, 0.3489, 0.3621



80.9738, 0.3583, 0.3700



65.2388, 0.3412, 0.3827



13.6652, 0.3276, 0.3432



18.5247, 0.5088, 0.4342



1.2763, 0.4893, 0.4497

Inverse Universe

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



48.9029, 0.2786, 0.2935



66.4358, 0.2703, 0.2843



42.2462, 0.2806, 0.2704



12.7988, 0.2982, 0.3144



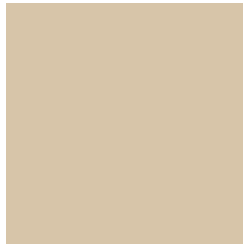
6.9411, 0.1680, 0.1249



0.5774, 0.1777, 0.1596

Previews

White Background



This preview shows how the Yxy color 57.2442, 0.3489, 0.3621 looks on a white background.

Color Contrast Check

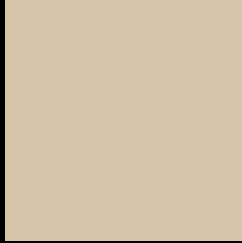
Large Text (above 18pt) WCAG AA × Fail

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 57.2442, 0.3489, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

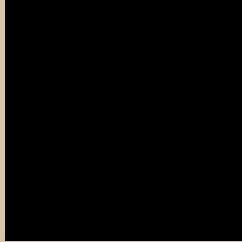
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

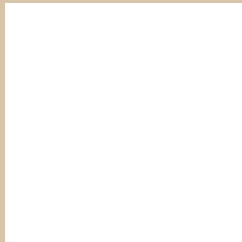
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2442, 0.3489, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 57.2442, 0.3489, 0.3621.



This preview shows how white text looks on a background with the Yxy color 57.2442, 0.3489, 0.3621.

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

57.2442, 0.3489, 0.3621

Protanopia

57.4508, 0.3435, 0.3637

Deuteranopia

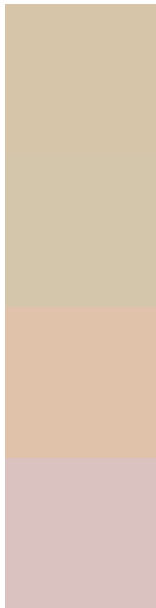
57.2596, 0.3613, 0.3542



Tritanopia

57.4199, 0.3240, 0.3120

Trichromacy



Original Color

57.2442, 0.3489, 0.3621

Protanomaly

57.2875, 0.3454, 0.3624

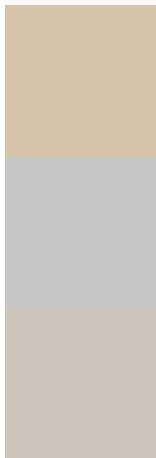
Deuteranomaly

57.3331, 0.3565, 0.3568

Tritanomaly

57.3393, 0.3330, 0.3302

Monochromacy



Original Color

57.2442, 0.3489, 0.3621

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9981, 0.3257, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2442, 0.3489, 0.3621 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(215, 197, 169)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 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(215, 197, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 169) }
```

Border

The CSS property to change the border of an element to Yxy 57.2442, 0.3489, 0.3621 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(215, 197, 169) }
```

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

```
.border{ border-color:rgb(215, 197, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 169);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2442, 0.3489, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 169) }
```

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

```
.background{ background-color: rgb(215,  
197, 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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