

Converting Colors

Yxy(61.3396, 0.3397, 0.3724)

Have a look what the booklet for
Yxy(61.3396, 0.3397, 0.3724)
contains.

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Color

Yxy(61.4619, 0.3393, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	D0D0AB
RGB	208, 208, 171
RGB Percent	82%, 82%, 67%
CMY	0.1842, 0.1843, 0.3295
CMYK	0.00, 0.00, 0.18, 0.18
HSL	60°, 28%, 74%
HSV	60°, 18%, 82%
XYZ	55.9239, 61.4619, 47.4356
YIQ	203.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

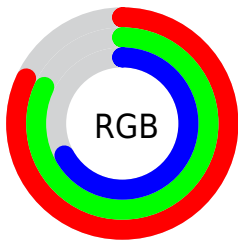
Format	Color
RYB	171, 208, 171
Decimal	13684907
CIELab	82.63, -6.14, 18.43
CIELCh	83, 19.425, 108.419
Yxy	61.4619, 0.3393, 0.3729
Android (android.graphics.Color)	4291874987 (0xFFD0D0AB)
YUV	203.7820, -16.1615, 3.6992
Hunter-Lab	78.3976, -9.8653, 19.0041

Details

The Yxy color **61.4619, 0.3393, 0.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3443, 0.2836, 0.2810**, and the grayscale version is **60.3403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **31.2154, 0.3449, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **60.7239, 0.3544, 0.3979**, and if you desaturate by 10%, it is **62.3302, 0.3242, 0.3480**.

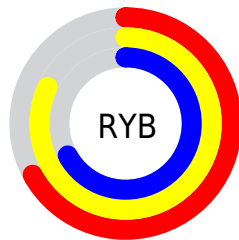
Distribution



Red (82%)

Green (82%)

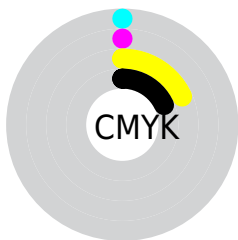
Blue (67%)



Red (67%)

Yellow (82%)

Blue (67%)

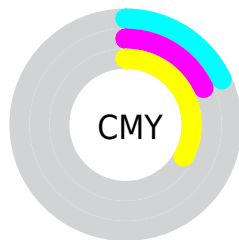


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4619, 0.3393, 0.3729 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 61.4619, 0.3393, 0.3729 by changing the saturation by 10% instead.

■ 61.4619, 0.3393,
0.3729

■ 61.4619, 0.3393,
0.3729

429.9656, 0.3268,
0.3517

■ 44.5980, 0.3422,
0.3779

■ 106.9474, 0.3349,
0.3654

■ 31.1409, 0.3458,
0.3843

136.3379, 0.3332,
0.3625

■ 20.7062, 0.3503,
0.3925

170.6727, 0.3318,
0.3601

■ 12.9094, 0.3563,
0.4035

210.3363, 0.3305,
0.3579

■ 7.3662, 0.3643,
0.4190

255.7129, 0.3294,
0.3561

■ 3.6922, 0.3756,
0.4423

307.1871, 0.3284,

■ 1.5029, 0.4138,

0.3545

0.5074

365.1432, 0.3276,
0.3530

0.2908, 0.3032,
0.6968

0.0000, 0.0000,
0.0000

61.4619, 0.3393,
0.3729

61.4619, 0.3393,
0.3729

60.7239, 0.3544,
0.3979

62.3302, 0.3242,
0.3480

60.1021, 0.3691,
0.4221

63.3261, 0.3096,
0.3238


59.5932, 0.3827,
0.4446


64.4575, 0.2956,
0.3008

59.1900, 0.3947,
0.4644

65.7290, 0.2826,
0.2793

 58.8852, 0.4046,
0.4807


 65.7896, 0.2821,
0.2785

 58.6699, 0.4120,
0.4928


 65.7985, 0.2821,
0.2785


 58.5342, 0.4167,
0.5006

 65.8074, 0.2821,
0.2785

 58.4635, 0.4191,
0.5045

 65.8164, 0.2821,
0.2786

 58.4516, 0.4195,
0.5051

 65.8253, 0.2821,
0.2786

Harmonies

Analogous

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



61.4619, 0.3566, 0.3650



61.4619, 0.3393, 0.3729



61.4619, 0.3153, 0.3682

Triad

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



61.4619, 0.3393, 0.3729



61.4619, 0.2659, 0.3068



61.4619, 0.3336, 0.3078

Complementary

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



61.4619, 0.3393, 0.3729



42.3443, 0.2836, 0.2810

Split Complementary

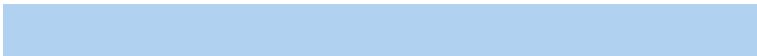
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4619, 0.3086, 0.2935



61.4619, 0.3393, 0.3729



61.4619, 0.2702, 0.2923

Square

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



61.4619, 0.3393, 0.3729



61.4619, 0.2734, 0.3286



61.4619, 0.2855, 0.2878



61.4619, 0.3534, 0.3274

Rectangle

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



61.4619, 0.3393, 0.3729



61.4619, 0.2989, 0.3582



61.4619, 0.2855, 0.2878



61.4619, 0.3255, 0.3022

Sweetspot

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



61.4646, 0.3393, 0.3729



99.1987, 0.3201, 0.3412



45.4978, 0.3463, 0.3283



21.2094, 0.3212, 0.3430



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.



61.4646, 0.3393, 0.3729



96.9882, 0.3445, 0.3815



59.0295, 0.3251, 0.3750



13.7958, 0.3266, 0.3519



36.4192, 0.4195, 0.5051



2.0369, 0.4194, 0.5052

Inverse Universe

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



42.3443, 0.2836, 0.2810



61.7054, 0.2773, 0.2705



44.4805, 0.2984, 0.2830



11.4194, 0.2982, 0.3050



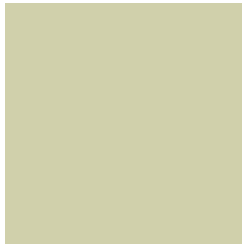
2.8416, 0.1500, 0.0601



0.1595, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 61.4619, 0.3393, 0.3729 looks on a white background.

Color Contrast Check

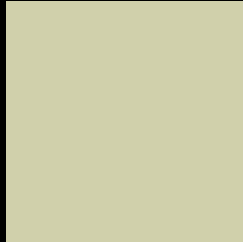
Large Text (above 18pt) WCAG AA × Fail

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 61.4619, 0.3393, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

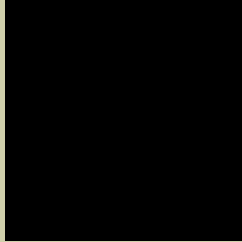
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

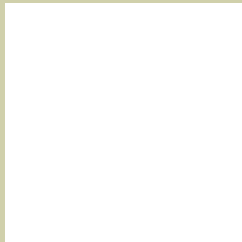
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4619, 0.3393, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 61.4619, 0.3393, 0.3729.



This preview shows how white text looks on a background with the Yxy color 61.4619, 0.3393, 0.3729.

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

61.4619, 0.3393, 0.3729

Protanopia

61.3166, 0.3479, 0.3697

Deuteranopia

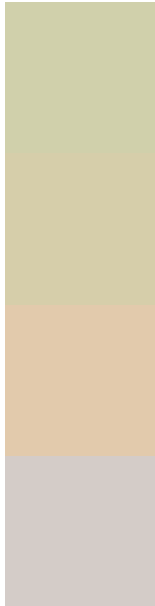
61.4098, 0.3640, 0.3567



Tritanopia

61.5470, 0.3112, 0.3121

Trichromacy



Original Color

61.4619, 0.3393, 0.3729

Protanomaly

61.3410, 0.3453, 0.3712

Deuteranomaly

61.3884, 0.3545, 0.3632

Tritanomaly

61.3529, 0.3218, 0.3336

Monochromacy



Original Color

61.4619, 0.3393, 0.3729

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4476, 0.3220, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4619, 0.3393, 0.3729 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(208, 208, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 171)  
}
```

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(208, 208, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.4619, 0.3393, 0.3729 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(208, 208, 171) }
```

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

```
.border{ border-color:rgb(208, 208, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4619, 0.3393, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 171) }
```

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

```
.background{ background-color: rgb(208,  
208, 171) }
```

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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