

Converting Colors

$Yxy(63.9772, 0.3461, 0.3728)$

Have a look what the booklet for
Yxy(63.9772, 0.3461, 0.3728)
contains.

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Color

Yxy(63.9772, 0.3461, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	DAD2AC
RGB	218, 210, 172
RGB Percent	85%, 82%, 67%
CMY	0.1453, 0.1764, 0.3255
CMYK	0.00, 0.04, 0.21, 0.15
HSL	50°, 38%, 76%
HSV	50°, 21%, 85%
XYZ	59.3951, 63.9772, 48.2403
YIQ	208.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

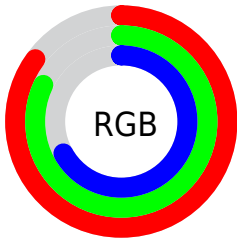
Format	Color
R _{YB}	182, 218, 172
Decimal	14340780
CIE Lab	83.95, -3.36, 19.87
CIE LCh	84, 20.149, 99.611
Yxy	63.9772, 0.3461, 0.3728
Android (android.graphics.Color)	4292530860 (0xFFDAD2AC)
YUV	208.0600, -17.7776, 8.7174
Hunter-Lab	79.9857, -7.4260, 20.2315

Details

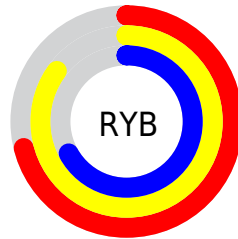
The Yxy color **63.9772, 0.3461, 0.3728** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4390, 0.2782, 0.2810**, and the grayscale version is **63.2240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **32.9195, 0.3540, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **61.3742, 0.3632, 0.3941**, and if you desaturate by 10%, it is **66.7670, 0.3297, 0.3516**.

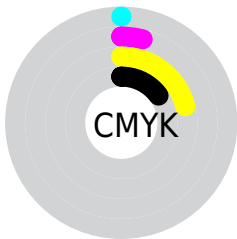
Distribution



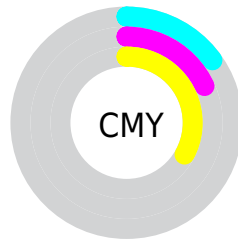
- Red (85%)
- Green (82%)
- Blue (67%)



- Red (71%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9772, 0.3461, 0.3728 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 63.9772, 0.3461, 0.3728 by changing the saturation by 10% instead.

 63.9772, 0.3461,
0.3728

 63.9772, 0.3461,
0.3728


439.1073, 0.3304,
0.3520

 46.6322, 0.3497,
0.3777


 110.5781, 0.3406,
0.3655

 32.7450, 0.3542,
0.3838


140.6028, 0.3385,
0.3626

 21.9312, 0.3599,
0.3916


175.6229, 0.3367,
0.3602

 13.8063, 0.3673,
0.4020

216.0227, 0.3351,
0.3581

 7.9861, 0.3774,
0.4162

262.1866, 0.3337,
0.3563

 4.0860, 0.3915,
0.4370

314.4991, 0.3325,

 1.7218, 0.4287,

0.3547

0.4882

373.3445, 0.3314,
0.3532

■ 0.4377, 0.4327,
0.5673

■ 0.0000, 0.0000,
0.0000

■ 63.9772, 0.3461,
0.3728

■ 63.9772, 0.3461,
0.3728

■ 61.3742, 0.3632,
0.3941

■ 66.7670, 0.3297,
0.3516

■ 58.9423, 0.3805,
0.4148

■ 69.7414, 0.3143,
0.3312

■ 56.6769, 0.3974,
0.4341

■ 72.9096, 0.3001,
0.3118

■ 54.5697, 0.4134,
0.4508

■ 76.0058, 0.2895,
0.2977

■ 52.6116, 0.4275,
0.4640

■ 78.0631, 0.2896,
0.3017

■ 50.7920, 0.4392,
0.4729

■ 80.1654, 0.2897,
0.3057

■ 49.0986, 0.4481,
0.4773

■ 82.3132, 0.2899,
0.3097

■ 47.6772, 0.4539,
0.4778

■ 84.5066, 0.2900,
0.3136

■ 86.7460, 0.2901,
0.3175

Harmonies

Analogous

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



63.9772, 0.3607, 0.3615



63.9772, 0.3461, 0.3728



63.9772, 0.3229, 0.3720

Triad

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



63.9772, 0.3461, 0.3728



63.9772, 0.2659, 0.3123



63.9772, 0.3268, 0.3023

Complementary

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



63.9772, 0.3461, 0.3728



46.4390, 0.2782, 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.



63.9772, 0.3010, 0.2900



63.9772, 0.3461, 0.3728



63.9772, 0.2667, 0.2948

Square

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



63.9772, 0.3461, 0.3728



63.9772, 0.2769, 0.3357



63.9772, 0.2793, 0.2871



63.9772, 0.3494, 0.3211

Rectangle

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



63.9772, 0.3461, 0.3728



63.9772, 0.3058, 0.3641



63.9772, 0.2793, 0.2871



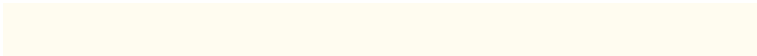
63.9772, 0.3181, 0.2973

Sweetspot

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



63.9801, 0.3461, 0.3728



97.3801, 0.3218, 0.3412



47.7105, 0.3473, 0.3191



20.7836, 0.3228, 0.3426



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.



63.9801, 0.3461, 0.3728



89.7322, 0.3531, 0.3816



65.8500, 0.3332, 0.3833



14.8615, 0.3271, 0.3482



28.7168, 0.4533, 0.4783



1.9633, 0.4468, 0.4834

Inverse Universe

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



46.4390, 0.2782, 0.2810



60.6887, 0.2706, 0.2702



45.0667, 0.2890, 0.2726



12.9786, 0.2981, 0.3090



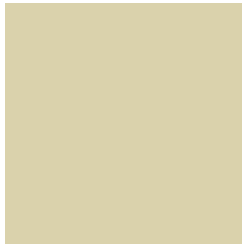
3.9575, 0.1545, 0.0760



0.3684, 0.1621, 0.1035

Previews

White Background



This preview shows how the Yxy color 63.9772, 0.3461, 0.3728 looks on a white background.

Color Contrast Check

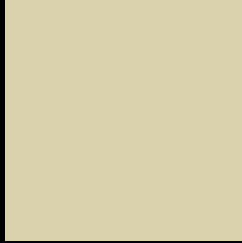
Large Text (above 18pt) WCAG AA × Fail

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 63.9772, 0.3461, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

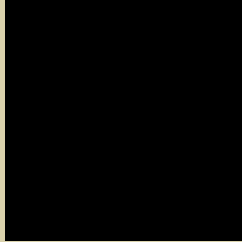
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

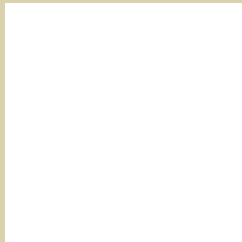
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9772, 0.3461, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 63.9772, 0.3461, 0.3728.



This preview shows how white text looks on a background with the Yxy color 63.9772, 0.3461, 0.3728.

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

63.9772, 0.3461, 0.3728

Protanopia

64.0708, 0.3503, 0.3724

Deuteranopia

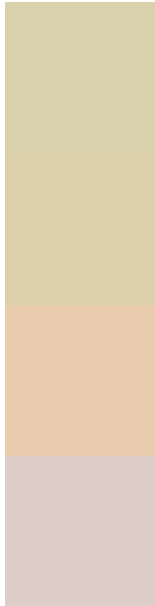
63.7065, 0.3665, 0.3584



Tritanopia

63.6736, 0.3174, 0.3114

Trichromacy



Original Color

63.9772, 0.3461, 0.3728

Protanomaly

63.9134, 0.3495, 0.3725

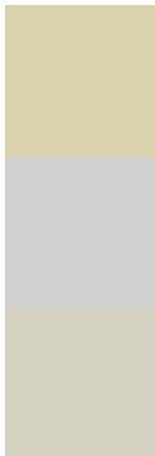
Deuteranomaly

63.5265, 0.3590, 0.3635

Tritanomaly

63.9365, 0.3279, 0.3335

Monochromacy



Original Color

63.9772, 0.3461, 0.3728

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5381, 0.3249, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9772, 0.3461, 0.3728 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(218, 210, 172)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 172)  
}
```

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(218, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 172) }
```

Border

The CSS property to change the border of an element to Yxy 63.9772, 0.3461, 0.3728 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(218, 210, 172) }
```

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

```
.border{ border-color:rgb(218, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9772, 0.3461, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 172) }
```

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

```
.background{ background-color: rgb(218,  
210, 172) }
```

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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