

Converting Colors

$Yxy(62.7066, 0.3619, 0.3962)$

Have a look what the booklet for
Yxy(62.7066, 0.3619, 0.3962)
contains.

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Color

Yxy(62.7407, 0.3617, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	DAD197
RGB	218, 209, 151
RGB Percent	85%, 82%, 59%
CMY	0.1452, 0.1803, 0.4079
CMYK	0.00, 0.04, 0.31, 0.15
HSL	52°, 47%, 72%
HSV	52°, 31%, 85%
XYZ	57.2919, 62.7407, 38.3635
YIQ	205.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

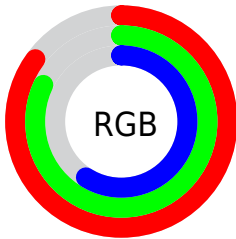
Format	Color
RYB	161, 218, 151
Decimal	14340503
CIELab	83.31, -5.68, 29.96
CIElCh	83, 30.491, 100.730
Yxy	62.7407, 0.3617, 0.3961
Android (android.graphics.Color)	4292530583 (0xFFDAD197)
YUV	205.0790, -26.6609, 11.3317
Hunter-Lab	79.2090, -9.5068, 26.7302

Details

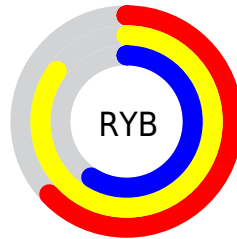
The Yxy color **62.7407, 0.3617, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7599, 0.2598, 0.2515**, and the grayscale version is **61.2632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **32.0249, 0.3732, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **60.6830, 0.3783, 0.4176**, and if you desaturate by 10%, it is **64.9611, 0.3451, 0.3739**.

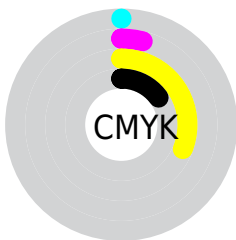
Distribution



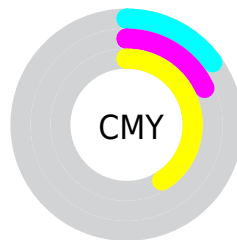
- Red (85%)
- Green (82%)
- Blue (59%)



- Red (63%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (15%)




- Cyan (15%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7407, 0.3617, 0.3961 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 62.7407, 0.3617, 0.3961 by changing the saturation by 10% instead.


 62.7407, 0.3617,
0.3961

 62.7407, 0.3617,
0.3961


434.6278, 0.3389,
0.3641

 45.6315, 0.3668,
0.4036

 108.7953, 0.3538,
0.3849

 31.9551, 0.3731,
0.4128


 138.5095, 0.3507,
0.3805

 21.3272, 0.3810,
0.4246


173.1942, 0.3481,
0.3768

 13.3634, 0.3909,
0.4399

213.2336, 0.3458,
0.3736

 7.6793, 0.4035,
0.4604

259.0124, 0.3437,
0.3708

 3.8904, 0.4203,
0.4898

310.9147, 0.3419,

 1.6124, 0.4530,

0.3683

0.5470

369.3250, 0.3403,
0.3661

0.3660, 0.3638,
0.6362

0.0000, 0.0000,
0.0000

62.7407, 0.3617,
0.3961

62.7407, 0.3617,
0.3961

60.6830, 0.3783,
0.4176

64.9611, 0.3451,
0.3739

58.7722, 0.3944,
0.4375

67.3426, 0.3290,
0.3519

57.0030, 0.4093,
0.4549

69.8943, 0.3138,
0.3305

55.3665, 0.4222,
0.4687

72.6222, 0.2996,
0.3102

■ 53.8523, 0.4327,
0.4783

■ 75.2074, 0.2894,
0.2961

■ 52.4484, 0.4403,
0.4834

■ 76.7829, 0.2895,
0.2993

■ 51.2256, 0.4453,
0.4846

■ 78.3853, 0.2896,
0.3024

■ 80.0148, 0.2897,
0.3054

■ 81.6715, 0.2898,
0.3085

Harmonies

Analogous

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



62.7407, 0.3852, 0.3779



62.7407, 0.3617, 0.3961



62.7407, 0.3258, 0.3954

Triad

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



62.7407, 0.3617, 0.3961



62.7407, 0.2425, 0.3013



62.7407, 0.3351, 0.2900

Complementary

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



62.7407, 0.3617, 0.3961



36.7599, 0.2598, 0.2515

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.



62.7407, 0.2959, 0.2717



62.7407, 0.3617, 0.3961



62.7407, 0.2444, 0.2762

Square

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



62.7407, 0.3617, 0.3961



62.7407, 0.2578, 0.3372



62.7407, 0.2633, 0.2663



62.7407, 0.3698, 0.3176

Rectangle

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



62.7407, 0.3617, 0.3961



62.7407, 0.3001, 0.3828



62.7407, 0.2633, 0.2663



62.7407, 0.3219, 0.2827

Sweetspot

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



62.7435, 0.3617, 0.3961



96.6676, 0.3265, 0.3483



39.6049, 0.3714, 0.3170



20.5796, 0.3287, 0.3515



0.0000, 0.0000, 0.0000



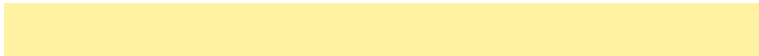
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7435, 0.3617, 0.3961



87.5577, 0.3727, 0.4104



63.8993, 0.3405, 0.4103



14.9515, 0.3270, 0.3491



30.8146, 0.4448, 0.4850



2.0803, 0.4401, 0.4888

Inverse Universe

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



36.7599, 0.2598, 0.2515



44.7476, 0.2468, 0.2317



36.2386, 0.2776, 0.2438



12.8964, 0.2981, 0.3081



3.6524, 0.1530, 0.0708



0.3296, 0.1595, 0.0943

Previews

White Background



This preview shows how the Yxy color 62.7407, 0.3617, 0.3961 looks on a white background.

Color Contrast Check

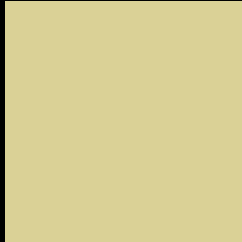
Large Text (above 18pt) WCAG AA × Fail

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 62.7407, 0.3617, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

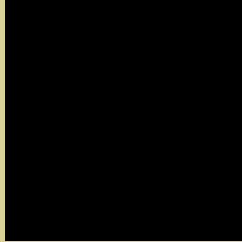
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7407, 0.3617, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 62.7407, 0.3617, 0.3961.



This preview shows how white text looks on a background with the Yxy color 62.7407, 0.3617, 0.3961.

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

62.7407, 0.3617, 0.3961

Protanopia

62.5156, 0.3672, 0.3941

Deuteranopia

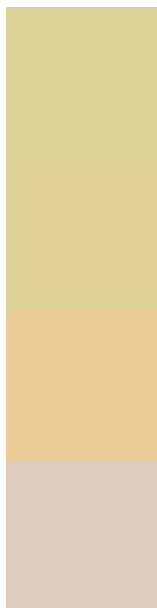
62.5592, 0.3863, 0.3786



Tritanopia

62.8999, 0.3212, 0.3126

Trichromacy



Original Color

62.7407, 0.3617, 0.3961

Protanomaly

62.6859, 0.3652, 0.3956

Deuteranomaly

62.6410, 0.3772, 0.3855

Tritanomaly

62.6795, 0.3364, 0.3426

Monochromacy



Original Color

62.7407, 0.3617, 0.3961

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3470, 0.3309, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7407, 0.3617, 0.3961 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, 209, 151)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 151)  
}
```

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, 209, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 151) }
```

Border

The CSS property to change the border of an element to Yxy 62.7407, 0.3617, 0.3961 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, 209, 151) }
```

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

```
.border{ border-color:rgb(218, 209, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 209, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 209, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 209, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 209,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7407, 0.3617, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 151) }
```

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

```
.background{ background-color: rgb(218,  
209, 151) }
```

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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