

Converting Colors

Yxy(62.5710, 0.3574, 0.3819)

Have a look what the booklet for
Yxy(62.5710, 0.3574, 0.3819)
contains.

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Color

Yxy(62.5710, 0.3574, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFA1
RGB	221, 207, 161
RGB Percent	87%, 81%, 63%
CMY	0.1335, 0.1882, 0.3686
CMYK	0.00, 0.06, 0.27, 0.13
HSL	46°, 47%, 75%
HSV	46°, 27%, 87%
XYZ	58.5569, 62.5710, 42.7134
YIQ	205.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

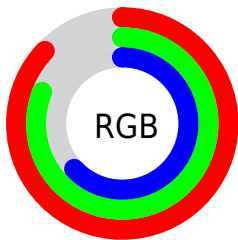
Format	Color
RYB	179, 221, 161
Decimal	14536609
CIELab	83.22, -2.20, 24.65
CIELCh	83, 24.753, 95.110
Yxy	62.5710, 0.3574, 0.3819
Android (android.graphics.Color)	4292726689 (0xFFDDCFA1)
YUV	205.9420, -22.1564, 13.2059
Hunter-Lab	79.1018, -6.2896, 23.3559

Details

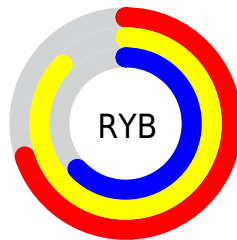
The Yxy color **62.5710, 0.3574, 0.3819** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.4399, 0.2675, 0.2698**, and the grayscale version is **61.8151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **31.8859, 0.3680, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **59.4112, 0.3756, 0.4017**, and if you desaturate by 10%, it is **65.9553, 0.3400, 0.3619**.

Distribution



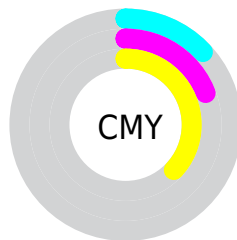
- Red (87%)
- Green (81%)
- Blue (63%)



- Red (70%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5710, 0.3574, 0.3819 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 62.5710, 0.3574, 0.3819 by changing the saturation by 10% instead.

■ 62.5710, 0.3574,
0.3819

■ 62.5710, 0.3574,
0.3819

434.0109, 0.3364,
0.3568

■ 45.4942, 0.3623,
0.3878

■ 108.5504, 0.3501,
0.3731

■ 31.8469, 0.3682,
0.3950

■ 138.2217, 0.3472,
0.3697

■ 21.2446, 0.3758,
0.4043

172.8601, 0.3448,
0.3668

■ 13.3029, 0.3857,
0.4165

212.8499, 0.3426,
0.3642

■ 7.6375, 0.3988,
0.4329

258.5755, 0.3408,
0.3620

■ 3.8639, 0.4167,
0.4560

310.4212, 0.3391,

■ 1.5977, 0.4741,

0.3601

0.5259

368.7716, 0.3377,
0.3583

0.3560, 0.4442,
0.5558

0.0000, 0.0000,
0.0000

62.5710, 0.3574,
0.3819

62.5710, 0.3574,
0.3819

59.4112, 0.3756,
0.4017

65.9553, 0.3400,
0.3619

56.4595, 0.3941,
0.4205

69.5630, 0.3236,
0.3424

53.7099, 0.4123,
0.4374

73.4041, 0.3085,
0.3238

51.1530, 0.4292,
0.4513

77.4852, 0.2948,
0.3062

■ 48.7779, 0.4442,
0.4611

■ 80.7044, 0.2916,
0.3060

■ 46.5722, 0.4564,
0.4663

■ 83.6525, 0.2918,
0.3114

■ 44.5198, 0.4657,
0.4668

■ 86.6862, 0.2919,
0.3167

■ 43.9520, 0.4681,
0.4665

■ 89.8059, 0.2921,
0.3220

■ 93.0125, 0.2922,
0.3272

Harmonies

Analogous

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



62.5710, 0.3735, 0.3656



62.5710, 0.3574, 0.3819



62.5710, 0.3296, 0.3839

Triad

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



62.5710, 0.3574, 0.3819



62.5710, 0.2563, 0.3119



62.5710, 0.3251, 0.2934

Complementary

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



62.5710, 0.3574, 0.3819



43.4399, 0.2675, 0.2698

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.



62.5710, 0.2936, 0.2800



62.5710, 0.3574, 0.3819



62.5710, 0.2552, 0.2891

Square

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



62.5710, 0.3574, 0.3819



62.5710, 0.2718, 0.3417



62.5710, 0.2684, 0.2781



62.5710, 0.3545, 0.3153

Rectangle

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



62.5710, 0.3574, 0.3819



62.5710, 0.3086, 0.3757



62.5710, 0.2684, 0.2781



62.5710, 0.3144, 0.2878

Sweetspot

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



62.5738, 0.3574, 0.3819



95.7646, 0.3251, 0.3442



43.9550, 0.3576, 0.3125



20.3321, 0.3275, 0.3471



0.0000, 0.0000, 0.0000



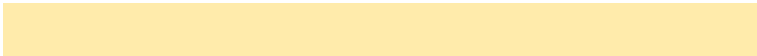
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5738, 0.3574, 0.3819



83.8548, 0.3685, 0.3941



67.2428, 0.3412, 0.3994



14.7235, 0.3273, 0.3468



25.7223, 0.4672, 0.4673



1.7937, 0.4578, 0.4747

Inverse Universe

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



43.4399, 0.2675, 0.2698



52.8725, 0.2561, 0.2540



40.0589, 0.2784, 0.2539



13.1063, 0.2981, 0.3105



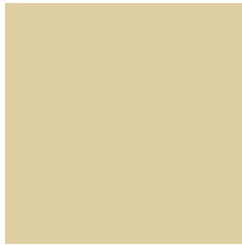
4.5730, 0.1573, 0.0861



0.4285, 0.1659, 0.1170

Previews

White Background



This preview shows how the Yxy color 62.5710, 0.3574, 0.3819 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 62.5710, 0.3574, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

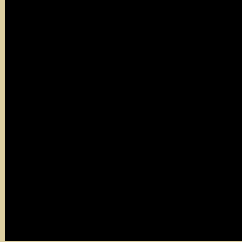
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

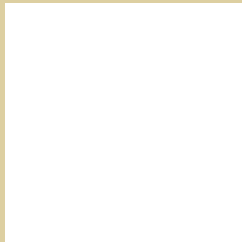
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5710, 0.3574, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 62.5710, 0.3574, 0.3819.



This preview shows how white text looks on a background with the Yxy color 62.5710, 0.3574, 0.3819.

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

62.5710, 0.3574, 0.3819

Protanopia

62.5710, 0.3574, 0.3819

Deuteranopia

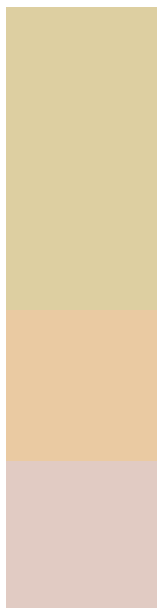
62.3684, 0.3759, 0.3683



Tritanopia

62.7088, 0.3236, 0.3126

Trichromacy



Original Color

62.5710, 0.3574, 0.3819

Protanomaly

62.5710, 0.3574, 0.3819

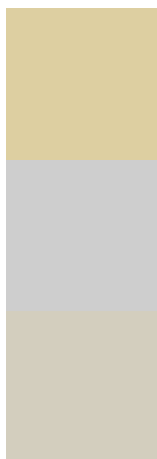
Deuteranomaly

62.3421, 0.3690, 0.3736

Tritanomaly

62.6596, 0.3359, 0.3380

Monochromacy



Original Color

62.5710, 0.3574, 0.3819

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7092, 0.3281, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5710, 0.3574, 0.3819 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(221, 207, 161)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 161)  
}
```

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(221, 207, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 161) }
```

Border

The CSS property to change the border of an element to Yxy 62.5710, 0.3574, 0.3819 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(221, 207, 161) }
```

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

```
.border{ border-color:rgb(221, 207, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 207, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 207, 161); box-shadow:4px 4px 4px 4px rgb(221, 207, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5710, 0.3574, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 161) }
```

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

```
.background{ background-color: rgb(221,  
207, 161) }
```

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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