

Converting Colors

$Yxy(62.6536, 0.3858, 0.3977)$

Have a look what the booklet for
Yxy(62.6536, 0.3858, 0.3977)
contains.

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Color

Yxy(62.9417, 0.3859, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	ECCC8D
RGB	236, 204, 141
RGB Percent	93%, 80%, 55%
CMY	0.0744, 0.2000, 0.4471
CMYK	0.00, 0.14, 0.40, 0.07
HSL	40°, 71%, 74%
HSV	40°, 40%, 93%
XYZ	60.9975, 62.9417, 34.1264
YIQ	206.3860, 39.2950, -12.8090

Conversions

Conversions Part 2

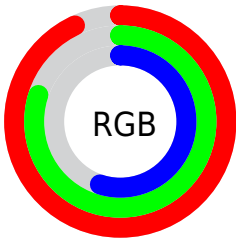
Format	Color
RYB	189, 236, 141
Decimal	15518861
CIELab	83.41, 2.78, 35.55
CIELCh	83, 35.654, 85.523
Yxy	62.9417, 0.3859, 0.3982
Android (android.graphics.Color)	4293708941 (0xFFECCC8D)
YUV	206.3860, -32.2353, 25.9715
Hunter-Lab	79.3358, -1.5976, 30.0314

Details

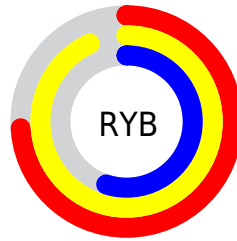
The Yxy color **62.9417, 0.3859, 0.3982** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6096, 0.2446, 0.2478**, and the grayscale version is **62.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **32.1346, 0.4034, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **58.6306, 0.4071, 0.4145**, and if you desaturate by 10%, it is **67.6014, 0.3655, 0.3808**.

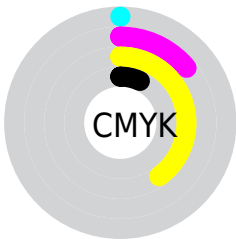
Distribution



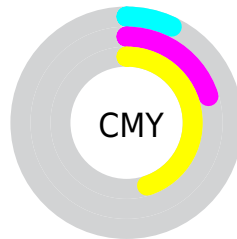
- Red (93%)
- Green (80%)
- Blue (55%)



- Red (74%)
- Yellow (93%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9417, 0.3859, 0.3982 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 62.9417, 0.3859, 0.3982 by changing the saturation by 10% instead.


 62.9417, 0.3859,
0.3982


 62.9417, 0.3859,
0.3982


435.3579, 0.3516,
0.3662


 45.7940, 0.3937,
0.4053


 109.0854, 0.3740,
0.3872

 32.0833, 0.4031,
0.4139


 138.8502, 0.3694,
0.3829

 21.4252, 0.4149,
0.4245


 173.5896, 0.3654,
0.3792

 13.4351, 0.4297,
0.4376

213.6878, 0.3619,
0.3759

 7.7289, 0.4484,
0.4538

259.5294, 0.3589,
0.3730

 3.9219, 0.4789,
0.4799

311.4987, 0.3562,

 1.6300, 0.5036,

0.3705

0.4964

369.9800, 0.3538,
0.3682

0.3777, 0.5306,
0.4694

0.0000, 0.0000,
0.0000

62.9417, 0.3859,
0.3982

62.9417, 0.3859,
0.3982

58.6306, 0.4071,
0.4145

67.6014, 0.3655,
0.3808

54.6470, 0.4284,
0.4287


72.6125, 0.3465,
0.3632

50.9800, 0.4489,
0.4396

77.9887, 0.3290,
0.3459

47.6146, 0.4675,
0.4462

83.7403, 0.3131,
0.3294

 44.5329, 0.4832,
0.4477

 89.6168, 0.3012,
0.3178

 41.7792, 0.4956,
0.4446

 94.5007, 0.3012,
0.3257

 96.5769, 0.3011,
0.3290

Harmonies

Analogous

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



62.9417, 0.4026, 0.3689



62.9417, 0.3859, 0.3982



62.9417, 0.3498, 0.4106

Triad

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



62.9417, 0.3859, 0.3982



62.9417, 0.2379, 0.3164



62.9417, 0.3151, 0.2717

Complementary

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



62.9417, 0.3859, 0.3982



41.6096, 0.2446, 0.2478

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.



62.9417, 0.2722, 0.2577



62.9417, 0.3859, 0.3982



62.9417, 0.2302, 0.2799

Square

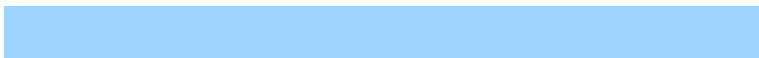
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9417, 0.3859, 0.3982



62.9417, 0.2647, 0.3611



62.9417, 0.2422, 0.2598



62.9417, 0.3604, 0.2985

Rectangle

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



62.9417, 0.3859, 0.3982



62.9417, 0.3203, 0.4049



62.9417, 0.2422, 0.2598



62.9417, 0.2999, 0.2654

Sweetspot

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



62.9446, 0.3859, 0.3982



91.7802, 0.3320, 0.3490



39.9477, 0.3783, 0.2918



19.4617, 0.3342, 0.3512



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.



62.9446, 0.3859, 0.3982



70.9118, 0.4027, 0.4113



77.4202, 0.3624, 0.4325



16.7223, 0.3276, 0.3446



23.2729, 0.4941, 0.4459



2.0039, 0.4811, 0.4562

Inverse Universe

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



41.6096, 0.2446, 0.2478



42.3862, 0.2303, 0.2283



32.0949, 0.2484, 0.2086



15.3784, 0.2980, 0.3129



6.6766, 0.1637, 0.1091



0.6962, 0.1713, 0.1367

Previews

White Background



This preview shows how the Yxy color 62.9417, 0.3859, 0.3982 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 62.9417, 0.3859, 0.3982 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 62.9417, 0.3859, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 62.9417, 0.3859, 0.3982.



This preview shows how white text looks on a background with the Yxy color 62.9417, 0.3859, 0.3982.

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

62.9417, 0.3859, 0.3982

Protanopia

63.1025, 0.3736, 0.4026

Deuteranopia

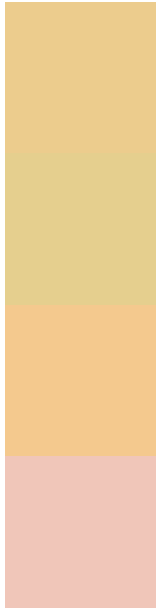
62.9396, 0.3982, 0.3893



Tritanopia

62.7380, 0.3400, 0.3132

Trichromacy



Original Color

62.9417, 0.3859, 0.3982

Protanomaly

63.2367, 0.3781, 0.4017

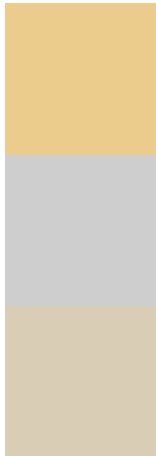
Deuteranomaly

62.9594, 0.3931, 0.3924

Tritanomaly

62.4162, 0.3569, 0.3433

Monochromacy



Original Color

62.9417, 0.3859, 0.3982

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7918, 0.3389, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9417, 0.3859, 0.3982 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(236, 204, 141)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 141)  
}
```

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(236, 204, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 141) }
```

Border

The CSS property to change the border of an element to Yxy 62.9417, 0.3859, 0.3982 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(236, 204, 141) }
```

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

```
.border{ border-color:rgb(236, 204, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 204, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 204, 141); box-shadow:4px 4px 4px 4px rgb(236, 204, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9417, 0.3859, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 141) }
```

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

```
.background{ background-color: rgb(236,  
204, 141) }
```

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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