

Converting Colors

$Yxy(70.7533, 0.3578, 0.3991)$

Have a look what the booklet for
Yxy(70.7533, 0.3578, 0.3991)
contains.

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Color

Yxy(70.7533, 0.3578, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	E1DE9F
RGB	225, 222, 159
RGB Percent	88%, 87%, 62%
CMY	0.1176, 0.1294, 0.3766
CMYK	0.00, 0.01, 0.29, 0.12
HSL	57°, 52%, 75%
HSV	57°, 29%, 88%
XYZ	63.4315, 70.7533, 43.0973
YIQ	215.7150, 22.0110, -18.9570

Conversions

Conversions Part 2

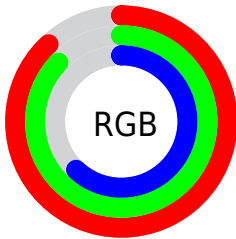
Format	Color
RYB	162, 225, 159
Decimal	14802591
CIELab	87.37, -8.59, 31.37
CIELCh	87, 32.526, 105.322
Yxy	70.7533, 0.3578, 0.3991
Android (android.graphics.Color)	4292992671 (0xFFE1DE9F)
YUV	215.7150, -27.9605, 8.1429
Hunter-Lab	84.1150, -12.5934, 28.5026

Details

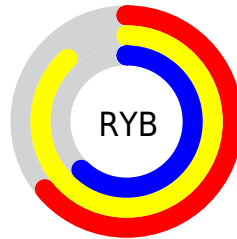
The Yxy color **70.7533, 0.3578, 0.3991** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6367, 0.2616, 0.2477**, and the grayscale version is **68.6491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **37.1340, 0.3676, 0.4158** is the 20% darker color. If you saturate the color by 10%, you get **69.5019, 0.3731, 0.4224**, and if you desaturate by 10%, it is **72.1566, 0.3422, 0.3750**.

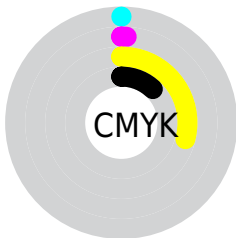
Distribution



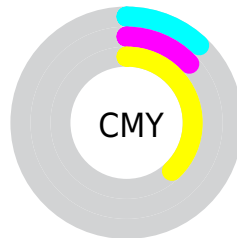
- Red (88%)
- Green (87%)
- Blue (62%)



- Red (64%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7533, 0.3578, 0.3991 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 70.7533, 0.3578, 0.3991 by changing the saturation by 10% instead.


 70.7533, 0.3578,
0.3991


 70.7533, 0.3578,
0.3991


463.1906, 0.3374,
0.3662

 52.1409, 0.3623,
0.4066


 120.2824, 0.3509,
0.3876

 37.1174, 0.3677,
0.4160


 151.9679, 0.3481,
0.3832

 25.2984, 0.3743,
0.4277


188.7798, 0.3457,
0.3794

 16.2995, 0.3824,
0.4429

231.1026, 0.3436,
0.3760

 9.7363, 0.3926,
0.4631

279.3207, 0.3418,
0.3731

 5.2245, 0.4049,
0.4906

333.8185, 0.3402,

 2.3796, 0.4414,

0.3705

394.9803, 0.3387,
0.3682

0.5586

0.8154, 0.4094,
0.5906

0.0000, 0.0000,
0.0000

70.7533, 0.3578,
0.3991

70.7533, 0.3578,
0.3991

69.5019, 0.3731,
0.4224

72.1566, 0.3422,
0.3750

68.3850, 0.3874,
0.4440

73.7094, 0.3267,
0.3509

67.3974, 0.4002,
0.4629

75.4215, 0.3118,
0.3275

66.5298, 0.4109,
0.4781

77.2992, 0.2977,
0.3053

65.7713, 0.4190,
0.4891

78.2416, 0.2941,
0.3003

65.1092, 0.4244,
0.4957

78.8050, 0.2941,
0.3014

64.5230, 0.4274,
0.4985

79.3718, 0.2941,
0.3025

64.4861, 0.4276,
0.4987

79.9419, 0.2941,
0.3035

80.5154, 0.2942,
0.3046

Harmonies

Analogous

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



70.7533, 0.3844, 0.3828



70.7533, 0.3578, 0.3991



70.7533, 0.3200, 0.3951

Triad

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



70.7533, 0.3578, 0.3991



70.7533, 0.2400, 0.2957



70.7533, 0.3417, 0.2930

Complementary

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



70.7533, 0.3578, 0.3991



38.6367, 0.2616, 0.2477

Split Complementary

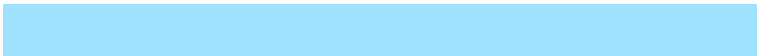
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7533, 0.3014, 0.2724



70.7533, 0.3578, 0.3991



70.7533, 0.2447, 0.2723

Square

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



70.7533, 0.3578, 0.3991



70.7533, 0.2530, 0.3314



70.7533, 0.2665, 0.2647



70.7533, 0.3755, 0.3221

Rectangle

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



70.7533, 0.3578, 0.3991



70.7533, 0.2939, 0.3799



70.7533, 0.2665, 0.2647



70.7533, 0.3284, 0.2849

Sweetspot

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



70.7565, 0.3578, 0.3991



97.9431, 0.3263, 0.3502



43.4122, 0.3746, 0.3253



20.8962, 0.3285, 0.3537



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.



70.7565, 0.3578, 0.3991



92.9547, 0.3669, 0.4130



68.0019, 0.3344, 0.4078



15.9168, 0.3268, 0.3511



37.2024, 0.4275, 0.4988



2.6122, 0.4261, 0.4999

Inverse Universe

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



38.6367, 0.2616, 0.2477



43.9819, 0.2495, 0.2283



41.0000, 0.2849, 0.2491



13.3430, 0.2981, 0.3059



3.3068, 0.1508, 0.0630



0.2651, 0.1533, 0.0717

Previews

White Background



This preview shows how the Yxy color 70.7533, 0.3578, 0.3991 looks on a white background.

Color Contrast Check

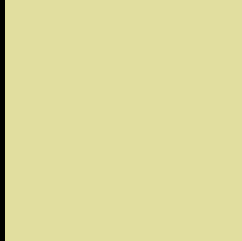
Large Text (above 18pt) WCAG AA × Fail

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 70.7533, 0.3578, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

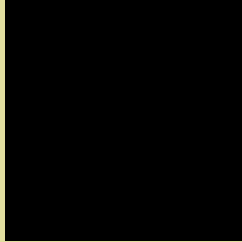
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

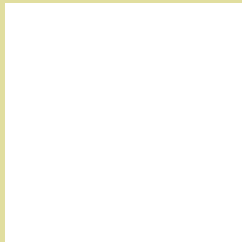
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7533, 0.3578, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 70.7533, 0.3578, 0.3991.



This preview shows how white text looks on a background with the Yxy color 70.7533, 0.3578, 0.3991.

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

70.7533, 0.3578, 0.3991

Protanopia

70.7938, 0.3672, 0.3953

Deuteranopia

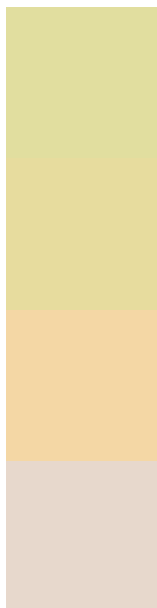
70.6757, 0.3785, 0.3736



Tritanopia

70.7941, 0.3165, 0.3111

Trichromacy



Original Color

70.7533, 0.3578, 0.3991

Protanomaly

70.6439, 0.3637, 0.3970

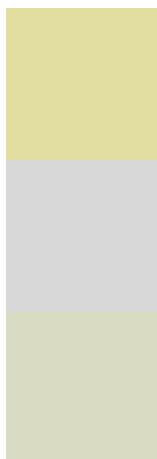
Deuteranomaly

70.5506, 0.3706, 0.3823

Tritanomaly

70.4603, 0.3321, 0.3421

Monochromacy



Original Color

70.7533, 0.3578, 0.3991

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1430, 0.3291, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7533, 0.3578, 0.3991 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(225, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(225, 222, 159)  
}
```

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(225, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 159) }
```

Border

The CSS property to change the border of an element to Yxy 70.7533, 0.3578, 0.3991 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(225, 222, 159) }
```

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

```
.border{ border-color:rgb(225, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 159);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7533, 0.3578, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 222, 159) }
```

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

```
.background{ background-color: rgb(225,  
222, 159) }
```

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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