

Converting Colors

$Yxy(68.9305, 0.3505, 0.3577)$

Have a look what the booklet for
Yxy(68.9305, 0.3505, 0.3577)
contains.

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Color

Yxy(69.1382, 0.3502, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	EDD5BA
RGB	237, 213, 186
RGB Percent	93%, 84%, 73%
CMY	0.0707, 0.1646, 0.2705
CMYK	0.00, 0.10, 0.21, 0.07
HSL	32°, 59%, 83%
HSV	32°, 21%, 93%
XYZ	67.5752, 69.1382, 56.2484
YIQ	217.0980, 22.9710, -3.3090

Conversions

Conversions Part 2

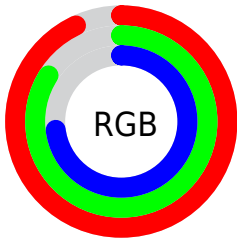
Format	Color
R _Y B	231, 237, 186
Decimal	15586746
CIE Lab	86.57, 4.14, 16.37
CIE LCh	87, 16.886, 75.823
Yxy	69.1382, 0.3502, 0.3583
Android (android.graphics.Color)	4293776826 (0xFFEDD5BA)
YUV	217.0980, -15.3313, 17.4541
Hunter-Lab	83.1494, -0.4451, 18.0965

Details

The Yxy color **69.1382, 0.3502, 0.3583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.6326, 0.2785, 0.2978**, and the grayscale version is **69.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.9709, 0.3597, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **62.8018, 0.3712, 0.3727**, and if you desaturate by 10%, it is **76.0329, 0.3315, 0.3443**.

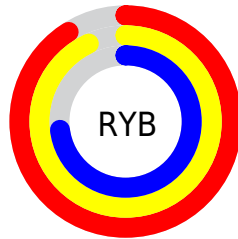
Distribution



Red (93%)

Green (84%)

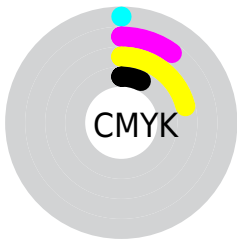
Blue (73%)



Red (91%)

Yellow (93%)

Blue (73%)

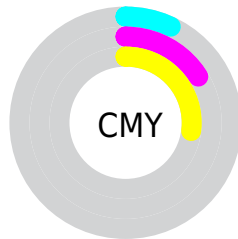


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1382, 0.3502, 0.3583 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 69.1382, 0.3502, 0.3583 by changing the saturation by 10% instead.

 69.1382, 0.3502,
0.3583

 69.1382, 0.3502,
0.3583


457.5182, 0.3326,
0.3448

 50.8243, 0.3543,
0.3614


 117.9789, 0.3441,
0.3536

 36.0688, 0.3593,
0.3651


149.2745, 0.3417,
0.3518

 24.4873, 0.3657,
0.3699


185.6662, 0.3397,
0.3502

 15.6955, 0.3741,
0.3760

227.5382, 0.3379,
0.3489

 9.3089, 0.3856,
0.3843

275.2750, 0.3363,
0.3477

 4.9432, 0.4022,
0.3957

329.2610, 0.3350,

 2.2140, 0.4281,

0.3466

0.4128

389.8806, 0.3337,
0.3456

0.7276, 0.5214,
0.4786

0.0000, 0.0000,
0.0000

69.1382, 0.3502,
0.3583

69.1382, 0.3502,
0.3583

62.8018, 0.3712,
0.3727

76.0329, 0.3315,
0.3443

56.9986, 0.3945,
0.3868

83.4918, 0.3150,
0.3309

51.7147, 0.4196,
0.4000

91.3956, 0.3018,
0.3205

46.9322, 0.4459,
0.4111

96.7386, 0.3017,
0.3290

■ 42.6317, 0.4721,
0.4189

■ 38.7917, 0.4969,
0.4221

■ 35.3879, 0.5185,
0.4198

■ 32.8098, 0.5341,
0.4141

Harmonies

Analogous

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



69.1382, 0.3536, 0.3438



69.1382, 0.3502, 0.3583



69.1382, 0.3366, 0.3654

Triad

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



69.1382, 0.3502, 0.3583



69.1382, 0.2808, 0.3305



69.1382, 0.3075, 0.2984

Complementary

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



69.1382, 0.3502, 0.3583



62.6326, 0.2785, 0.2978

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.



69.1382, 0.2886, 0.2943



69.1382, 0.3502, 0.3583



69.1382, 0.2735, 0.3120

Square

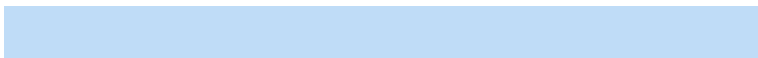
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1382, 0.3502, 0.3583



69.1382, 0.2965, 0.3493



69.1382, 0.2763, 0.2990



69.1382, 0.3285, 0.3099

Rectangle

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



69.1382, 0.3502, 0.3583



69.1382, 0.3238, 0.3645



69.1382, 0.2763, 0.2990



69.1382, 0.3007, 0.2961

Sweetspot

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



69.1413, 0.3502, 0.3583



94.5499, 0.3222, 0.3369



57.8105, 0.3358, 0.3024



20.1138, 0.3233, 0.3377



0.0000, 0.0000, 0.0000



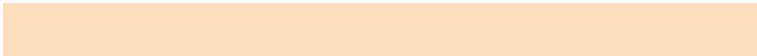
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1413, 0.3502, 0.3583



78.1422, 0.3596, 0.3649



81.9474, 0.3445, 0.3827



16.3755, 0.3280, 0.3415



18.1842, 0.5318, 0.4160



1.6203, 0.5119, 0.4317

Inverse Universe

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



62.6326, 0.2785, 0.2978



69.1176, 0.2709, 0.2902



51.7873, 0.2771, 0.2692



15.7166, 0.2980, 0.3162



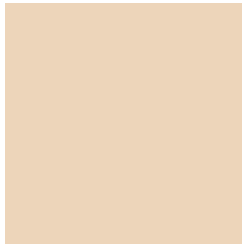
9.8530, 0.1745, 0.1482



0.9649, 0.1817, 0.1742

Previews

White Background



This preview shows how the Yxy color 69.1382, 0.3502, 0.3583 looks on a white background.

Color Contrast Check

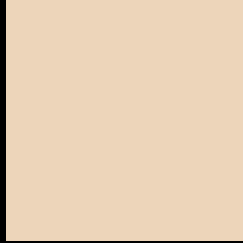
Large Text (above 18pt) WCAG AA × Fail

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 69.1382, 0.3502, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

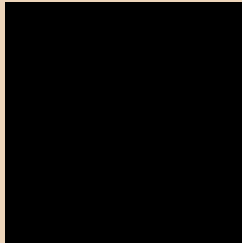
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1382, 0.3502, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 69.1382, 0.3502, 0.3583.



This preview shows how white text looks on a background with the Yxy color 69.1382, 0.3502, 0.3583.

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

69.1382, 0.3502, 0.3583

Protanopia

69.0735, 0.3404, 0.3600

Deuteranopia

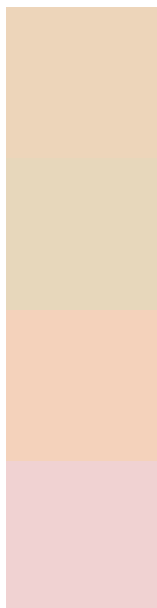
69.1452, 0.3591, 0.3523



Tritanopia

69.3708, 0.3270, 0.3124

Trichromacy



Original Color

69.1382, 0.3502, 0.3583

Protanomaly

69.1777, 0.3444, 0.3598

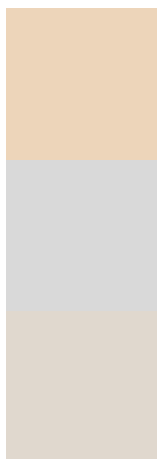
Deuteranomaly

68.9141, 0.3557, 0.3536

Tritanomaly

69.2716, 0.3354, 0.3291

Monochromacy



Original Color

69.1382, 0.3502, 0.3583

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4153, 0.3254, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1382, 0.3502, 0.3583 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(237, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 186)  
}
```

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(237, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.1382, 0.3502, 0.3583 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(237, 213, 186) }
```

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

```
.border{ border-color:rgb(237, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 213, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 213, 186); box-shadow:4px 4px 4px 4px rgb(237, 213, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1382, 0.3502, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 186) }
```

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

```
.background{ background-color: rgb(237,  
213, 186) }
```

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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