

Converting Colors

Yxy(68.9070, 0.3344, 0.3400)

Have a look what the booklet for
Yxy(68.9070, 0.3344, 0.3400)
contains.

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Color

Yxy(69.0561, 0.3340, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E8D5CB
RGB	232, 213, 203
RGB Percent	91%, 84%, 80%
CMY	0.0901, 0.1647, 0.2039
CMYK	0.00, 0.08, 0.13, 0.09
HSL	21°, 39%, 85%
HSV	21°, 13%, 91%
XYZ	67.8574, 69.0561, 66.2524
YIQ	217.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

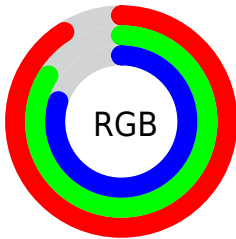
Format	Color
R _Y B	232, 218, 203
Decimal	15259083
CIE Lab	86.53, 4.93, 7.30
CIE LCh	87, 8.811, 55.968
Yxy	69.0561, 0.3340, 0.3399
Android (android.graphics.Color)	4293449163 (0xFFE8D5CB)
YUV	217.5410, -7.1687, 12.6805
Hunter-Lab	83.1000, 0.3337, 10.9004

Details

The Yxy color **69.0561, 0.3340, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7795, 0.2934, 0.3178**, and the grayscale version is **69.8247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8538, 0.3390, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **60.7386, 0.3544, 0.3492**, and if you desaturate by 10%, it is **78.2628, 0.3166, 0.3311**.

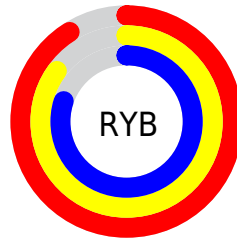
Distribution



Red (91%)

Green (84%)

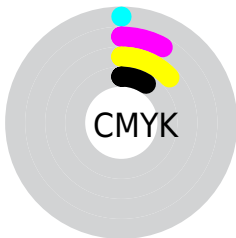
Blue (80%)



Red (91%)

Yellow (85%)

Blue (80%)

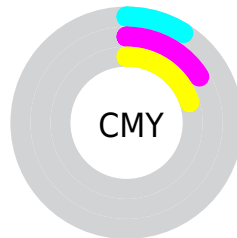


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0561, 0.3340, 0.3399 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 69.0561, 0.3340, 0.3399 by changing the saturation by 10% instead.


 69.0561, 0.3340,
0.3399

 69.0561, 0.3340,
0.3399


457.2288, 0.3240,
0.3349

 50.7574, 0.3363,
0.3410

117.8617, 0.3305,
0.3382

 36.0156, 0.3392,
0.3424

149.1374, 0.3292,
0.3375

 24.4462, 0.3429,
0.3442


185.5075, 0.3280,
0.3369

 15.6650, 0.3478,
0.3465

227.3565, 0.3270,
0.3364

 9.2874, 0.3545,
0.3496

275.0687, 0.3261,
0.3360

 4.9291, 0.3644,
0.3541

329.0286, 0.3253,

 2.2057, 0.3805,

0.3356

0.3609

389.6205, 0.3246,
0.3352

0.7231, 0.4468,
0.4000

0.0000, 0.0000,
0.0000

69.0561, 0.3340,
0.3399

69.0561, 0.3340,
0.3399

60.7386, 0.3544,
0.3492

78.2628, 0.3166,
0.3311

53.2742, 0.3783,
0.3588

88.3753, 0.3019,
0.3229

46.6376, 0.4060,
0.3681

95.8994, 0.2988,
0.3290

40.7987, 0.4372,
0.3765

■ 35.7255, 0.4712,
0.3831

■ 31.3836, 0.5064,
0.3864

■ 27.7354, 0.5402,
0.3853

■ 24.7392, 0.5694,
0.3791

■ 22.8867, 0.5873,
0.3718

Harmonies

Analogous

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



69.0561, 0.3318, 0.3310



69.0561, 0.3340, 0.3399



69.0561, 0.3304, 0.3462

Triad

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



69.0561, 0.3340, 0.3399



69.0561, 0.3011, 0.3364



69.0561, 0.3032, 0.3108

Complementary

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



69.0561, 0.3340, 0.3399



70.7795, 0.2934, 0.3178

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.



69.0561, 0.2952, 0.3119



69.0561, 0.3340, 0.3399



69.0561, 0.2940, 0.3266

Square

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



69.0561, 0.3340, 0.3399



69.0561, 0.3113, 0.3443



69.0561, 0.2919, 0.3176



69.0561, 0.3139, 0.3144

Rectangle

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



69.0561, 0.3340, 0.3399



69.0561, 0.3252, 0.3479



69.0561, 0.2919, 0.3176



69.0561, 0.3001, 0.3106

Sweetspot

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



69.0592, 0.3340, 0.3399



95.1683, 0.3191, 0.3324



65.1645, 0.3211, 0.3083



20.1798, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



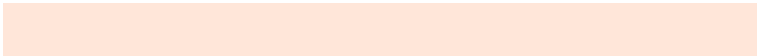
21.4041, 0.3127, 0.3290

Same Dimension

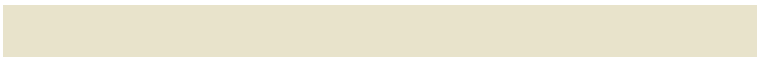
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0592, 0.3340, 0.3399



82.8098, 0.3389, 0.3423



76.5107, 0.3320, 0.3549



15.1757, 0.3284, 0.3372



12.9146, 0.5844, 0.3742



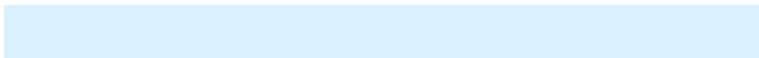
1.1226, 0.5562, 0.3965

Inverse Universe

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



70.7795, 0.2934, 0.3178



85.3323, 0.2893, 0.3154



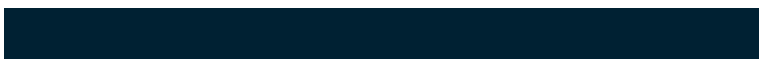
63.5569, 0.2930, 0.3017



15.4565, 0.2981, 0.3207



15.9587, 0.1924, 0.2125



1.3508, 0.1976, 0.2315

Previews

White Background



This preview shows how the Yxy color 69.0561, 0.3340, 0.3399 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 69.0561, 0.3340, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

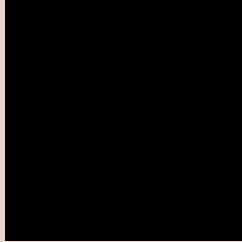
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0561, 0.3340, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 69.0561, 0.3340, 0.3399.



This preview shows how white text looks on a background with the Yxy color 69.0561, 0.3340, 0.3399.

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

69.0561, 0.3340, 0.3399

Protanopia

69.2075, 0.3254, 0.3412

Deuteranopia

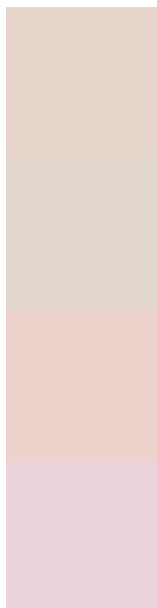
68.8378, 0.3416, 0.3344



Tritanopia

69.2463, 0.3202, 0.3121

Trichromacy



Original Color

69.0561, 0.3340, 0.3399

Protanomaly

69.1293, 0.3285, 0.3411

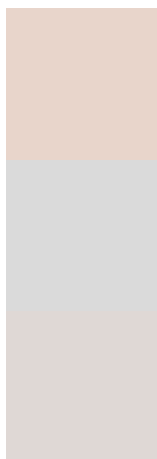
Deuteranomaly

68.6300, 0.3383, 0.3355

Tritanomaly

69.1429, 0.3250, 0.3216

Monochromacy



Original Color

69.0561, 0.3340, 0.3399

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6038, 0.3199, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0561, 0.3340, 0.3399 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(232, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 203)  
}
```

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(232, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.0561, 0.3340, 0.3399 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(232, 213, 203) }
```

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

```
.border{ border-color:rgb(232, 213, 203) }
```

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

Here you see how a box with a 4 pixel rgb(232, 213, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0561, 0.3340, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 203) }
```

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

```
.background{ background-color: rgb(232,  
213, 203) }
```

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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