

Converting Colors

$Yxy(69.5455, 0.3316, 0.3399)$

Have a look what the booklet for
Yxy(69.5455, 0.3316, 0.3399)
contains.

Yxy(69.2758, 0.3316, 0.3399)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.2758, 0.3316, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E6D6CC
RGB	230, 214, 204
RGB Percent	90%, 84%, 80%
CMY	0.0980, 0.1608, 0.1999
CMYK	0.00, 0.07, 0.11, 0.10
HSL	23°, 34%, 85%
HSV	23°, 11%, 90%
XYZ	67.5842, 69.2758, 66.9523
YIQ	217.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

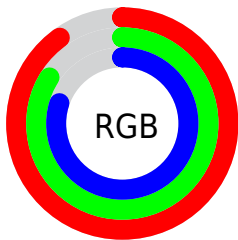
Format	Color
R _Y B	230, 220, 204
Decimal	15128268
CIE Lab	86.64, 3.86, 6.89
CIE LCh	87, 7.903, 60.743
Yxy	69.2758, 0.3316, 0.3399
Android (android.graphics.Color)	4293318348 (0xFFE6D6CC)
YUV	217.6440, -6.7265, 10.8362
Hunter-Lab	83.2321, -0.7148, 10.5693

Details

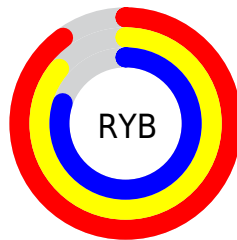
The Yxy color **69.2758, 0.3316, 0.3399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7631, 0.2952, 0.3179**, and the grayscale version is **69.8975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9970, 0.3358, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **61.3898, 0.3513, 0.3502**, and if you desaturate by 10%, it is **77.9553, 0.3147, 0.3302**.

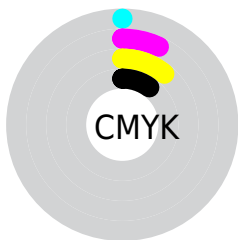
Distribution



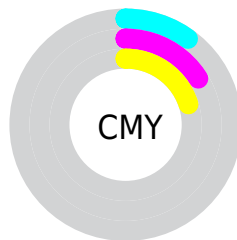
- Red (90%)
- Green (84%)
- Blue (80%)



- Red (90%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2758, 0.3316, 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 69.2758, 0.3316, 0.3399 by changing the saturation by 10% instead.


 69.2758, 0.3316,
0.3399

 69.2758, 0.3316,
0.3399


458.0031, 0.3227,
0.3349

 50.9364, 0.3337,
0.3410

118.1754, 0.3285,
0.3382

 36.1580, 0.3362,
0.3425


149.5044, 0.3273,
0.3375

 24.5562, 0.3395,
0.3443


185.9320, 0.3263,
0.3369

 15.7467, 0.3438,
0.3466

227.8426, 0.3254,
0.3364

 9.3451, 0.3497,
0.3498

275.6206, 0.3246,
0.3359

 4.9670, 0.3585,
0.3544

329.6504, 0.3239,

 2.2279, 0.3726,

0.3355

390.3165, 0.3233,
0.3352

0.3615

0.7351, 0.4295,
0.3981

0.0000, 0.0000,
0.0000

69.2758, 0.3316,
0.3399

69.2758, 0.3316,
0.3399

61.3898, 0.3513,
0.3502

77.9553, 0.3147,
0.3302

54.2652, 0.3742,
0.3607

87.4411, 0.3003,
0.3212

47.8808, 0.4005,
0.3712

95.5652, 0.2976,
0.3290

42.2114, 0.4300,
0.3808

■ 37.2296, 0.4621,
0.3885

■ 32.9065, 0.4954,
0.3932

■ 29.2104, 0.5277,
0.3934

■ 26.1061, 0.5561,
0.3884

■ 23.8485, 0.5766,
0.3804

Harmonies

Analogous

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



69.2758, 0.3304, 0.3321



69.2758, 0.3316, 0.3399



69.2758, 0.3276, 0.3449

Triad

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



69.2758, 0.3316, 0.3399



69.2758, 0.3010, 0.3343



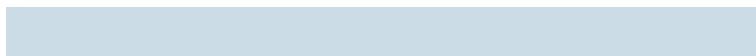
69.2758, 0.3056, 0.3129

Complementary

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



69.2758, 0.3316, 0.3399



69.7631, 0.2952, 0.3179

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.



69.2758, 0.2979, 0.3132



69.2758, 0.3316, 0.3399



69.2758, 0.2953, 0.3255

Square

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



69.2758, 0.3316, 0.3399



69.2758, 0.3099, 0.3418



69.2758, 0.2942, 0.3178



69.2758, 0.3153, 0.3167

Rectangle

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



69.2758, 0.3316, 0.3399



69.2758, 0.3226, 0.3460



69.2758, 0.2942, 0.3178



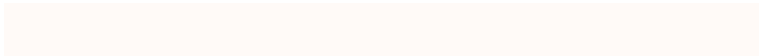
69.2758, 0.3027, 0.3125

Sweetspot

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



69.2789, 0.3316, 0.3399



96.5459, 0.3174, 0.3318



65.1939, 0.3211, 0.3117



20.4706, 0.3187, 0.3326



0.0000, 0.0000, 0.0000



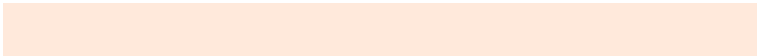
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2789, 0.3316, 0.3399



84.6680, 0.3368, 0.3427



76.1141, 0.3299, 0.3537



15.2701, 0.3283, 0.3381



13.7191, 0.5738, 0.3826



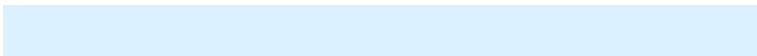
1.1891, 0.5466, 0.4042

Inverse Universe

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



69.7631, 0.2952, 0.3179



85.4151, 0.2909, 0.3149



63.2093, 0.2950, 0.3031



15.3587, 0.2981, 0.3198



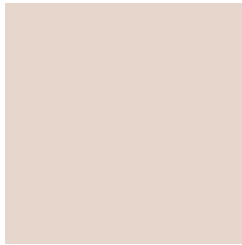
14.3865, 0.1885, 0.1985



1.2415, 0.1943, 0.2196

Previews

White Background



This preview shows how the Yxy color 69.2758, 0.3316, 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 69.2758, 0.3316, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

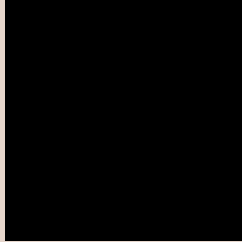
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

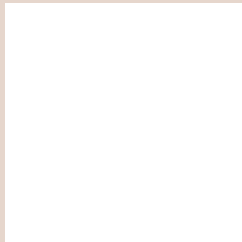
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2758, 0.3316, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 69.2758, 0.3316, 0.3399.



This preview shows how white text looks on a background with the Yxy color 69.2758, 0.3316, 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

69.2758, 0.3316, 0.3399

Protanopia

69.3668, 0.3261, 0.3411

Deuteranopia

69.3782, 0.3407, 0.3344



Tritanopia

69.4582, 0.3179, 0.3121

Trichromacy



Original Color

69.2758, 0.3316, 0.3399

Protanomaly

69.1774, 0.3278, 0.3400

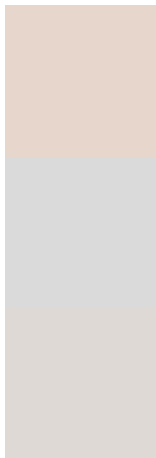
Deuteranomaly

69.1735, 0.3374, 0.3355

Tritanomaly

69.3572, 0.3227, 0.3215

Monochromacy



Original Color

69.2758, 0.3316, 0.3399

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9594, 0.3191, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2758, 0.3316, 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(230, 214, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 204)  
}
```

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(230, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 204) }
```

Border

The CSS property to change the border of an element to Yxy 69.2758, 0.3316, 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(230, 214, 204) }
```

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

```
.border{ border-color:rgb(230, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2758, 0.3316, 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(230, 214, 204) }
```

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

```
.background{ background-color: rgb(230,  
214, 204) }
```

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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