

Converting Colors

$Yxy(69.0814, 0.3292, 0.3422)$

Have a look what the booklet for
Yxy(69.0814, 0.3292, 0.3422)
contains.

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Color

Yxy(69.0814, 0.3292, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	E2D7CB
RGB	226, 215, 203
RGB Percent	89%, 84%, 80%
CMY	0.1135, 0.1569, 0.2039
CMYK	0.00, 0.05, 0.10, 0.11
HSL	31°, 28%, 84%
HSV	31°, 10%, 89%
XYZ	66.4570, 69.0814, 66.3359
YIQ	216.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

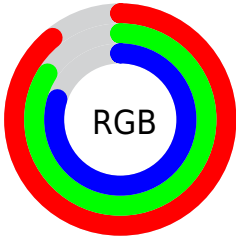
Format	Color
R_{YB}	224, 226, 203
Decimal	14866379
CIE Lab	86.54, 1.78, 7.25
CIE LCh	87, 7.468, 76.198
Yxy	69.0814, 0.3292, 0.3422
Android (android.graphics.Color)	4293056459 (0xFFE2D7CB)
YUV	216.9210, -6.8631, 7.9623
Hunter-Lab	83.1152, -2.7271, 10.8601

Details

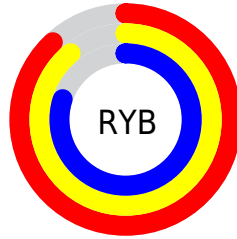
The Yxy color **69.0814, 0.3292, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3230, 0.2969, 0.3154**, and the grayscale version is **69.3800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9695, 0.3336, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **62.7381, 0.3476, 0.3559**, and if you desaturate by 10%, it is **75.9547, 0.3130, 0.3292**.

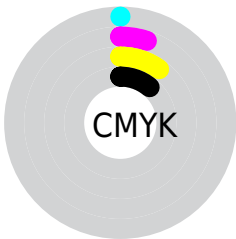
Distribution



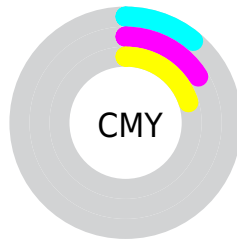
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (88%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0814, 0.3292, 0.3422 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 69.0814, 0.3292, 0.3422 by changing the saturation by 10% instead.

■ 69.0814, 0.3292,
0.3422

■ 69.0814, 0.3292,
0.3422

457.3180, 0.3215,
0.3361

■ 50.7780, 0.3310,
0.3436

117.8978, 0.3265,
0.3401

■ 36.0320, 0.3332,
0.3454

149.1797, 0.3255,
0.3392

■ 24.4589, 0.3360,
0.3476

185.5564, 0.3246,
0.3385

■ 15.6744, 0.3398,
0.3505

227.4125, 0.3238,
0.3379

■ 9.2940, 0.3450,
0.3545

275.1323, 0.3231,
0.3374

■ 4.9335, 0.3526,
0.3603

329.1002, 0.3225,

■ 2.2083, 0.3648,

0.3369

389.7007, 0.3220,
0.3364

0.3695

0.7245, 0.4211,
0.4168

0.0000, 0.0000,
0.0000

69.0814, 0.3292,
0.3422

69.0814, 0.3292,
0.3422

62.7381, 0.3476,
0.3559

75.9547, 0.3130,
0.3292

56.9020, 0.3684,
0.3699

83.3622, 0.2989,
0.3171

51.5614, 0.3915,
0.3839

90.2579, 0.2951,
0.3215

46.7011, 0.4166,
0.3970

94.9175, 0.2952,
0.3289

■ 42.3047, 0.4431,
0.4082

■ 38.3544, 0.4698,
0.4163

■ 34.8310, 0.4954,
0.4200

■ 31.7128, 0.5180,
0.4184

■ 29.0176, 0.5367,
0.4120

Harmonies

Analogous

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



69.0814, 0.3307, 0.3360



69.0814, 0.3292, 0.3422



69.0814, 0.3233, 0.3450

Triad

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



69.0814, 0.3292, 0.3422



69.0814, 0.2984, 0.3297



69.0814, 0.3107, 0.3152

Complementary

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



69.0814, 0.3292, 0.3422



66.3230, 0.2969, 0.3154

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.



69.0814, 0.3021, 0.3134



69.0814, 0.3292, 0.3422



69.0814, 0.2951, 0.3216

Square

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



69.0814, 0.3292, 0.3422



69.0814, 0.3055, 0.3378



69.0814, 0.2965, 0.3157



69.0814, 0.3199, 0.3205

Rectangle

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



69.0814, 0.3292, 0.3422



69.0814, 0.3176, 0.3444



69.0814, 0.2965, 0.3157



69.0814, 0.3076, 0.3141

Sweetspot

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



69.0844, 0.3292, 0.3422



97.1955, 0.3174, 0.3328



63.7562, 0.3225, 0.3168



20.6457, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



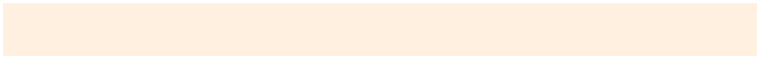
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0844, 0.3292, 0.3422



89.1640, 0.3325, 0.3447



74.8499, 0.3276, 0.3541



14.8733, 0.3279, 0.3412



16.7851, 0.5344, 0.4139



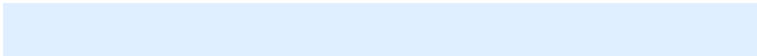
1.3425, 0.5119, 0.4317

Inverse Universe

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



66.3230, 0.2969, 0.3154



84.9194, 0.2939, 0.3128



60.9618, 0.2971, 0.3027



14.3239, 0.2981, 0.3165



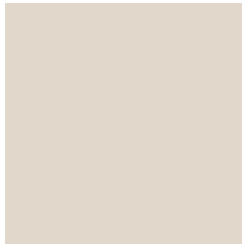
9.5498, 0.1755, 0.1518



0.8405, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 69.0814, 0.3292, 0.3422 looks on a white background.

Color Contrast Check

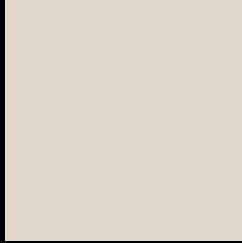
Large Text (above 18pt) WCAG AA × Fail

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 69.0814, 0.3292, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

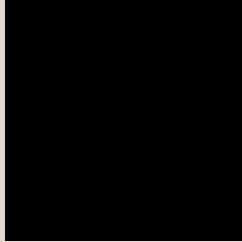
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0814, 0.3292, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 69.0814, 0.3292, 0.3422.

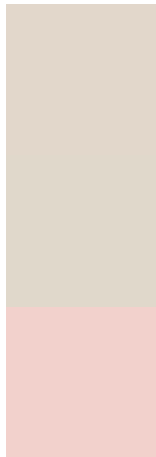


This preview shows how white text looks on a background with the Yxy color 69.0814, 0.3292, 0.3422.

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

69.0814, 0.3292, 0.3422

Protanopia

69.2708, 0.3275, 0.3434

Deuteranopia

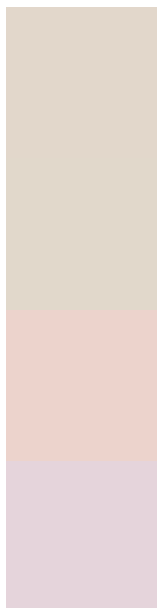
68.8378, 0.3416, 0.3344



Tritanopia

69.0130, 0.3150, 0.3109

Trichromacy



Original Color

69.0814, 0.3292, 0.3422

Protanomaly

69.4311, 0.3283, 0.3433

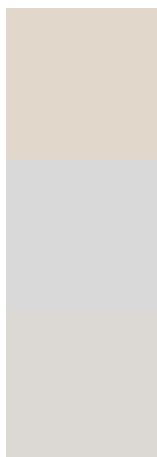
Deuteranomaly

68.7810, 0.3366, 0.3366

Tritanomaly

68.8595, 0.3205, 0.3215

Monochromacy



Original Color

69.0814, 0.3292, 0.3422

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0808, 0.3183, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0814, 0.3292, 0.3422 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(226, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 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(226, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 203) }
```

Border

The CSS property to change the border of an element to Yxy 69.0814, 0.3292, 0.3422 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(226, 215, 203) }
```

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

```
.border{ border-color:rgb(226, 215, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 215, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 215,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0814, 0.3292, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 203) }
```

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

```
.background{ background-color: rgb(226,  
215, 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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