

Converting Colors

Yxy(69.9164, 0.3287, 0.3458)

Have a look what the booklet for
Yxy(69.9164, 0.3287, 0.3458)
contains.

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Color

Yxy(69.8975, 0.3289, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	E1D9CA
RGB	225, 217, 202
RGB Percent	88%, 85%, 79%
CMY	0.1174, 0.1491, 0.2078
CMYK	0.00, 0.04, 0.10, 0.12
HSL	39°, 28%, 84%
HSV	39°, 10%, 88%
XYZ	66.5392, 69.8975, 65.8716
YIQ	217.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

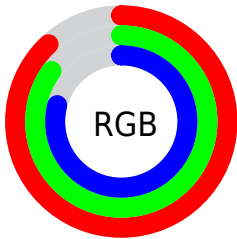
Format	Color
R_{YB}	214, 225, 202
Decimal	14801354
CIE _{Lab}	86.95, 0.23, 8.34
CIE _{LCh}	87, 8.346, 88.415
Yxy	69.8975, 0.3289, 0.3455
Android (android.graphics.Color)	4292991434 (0xFFE1D9CA)
YUV	217.6820, -7.7312, 6.4179
Hunter-Lab	83.6047, -4.2440, 11.8091

Details

The Yxy color **69.8975, 0.3289, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1346, 0.2968, 0.3119**, and the grayscale version is **69.9370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5248, 0.3331, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **64.9439, 0.3464, 0.3624**, and if you desaturate by 10%, it is **75.2068, 0.3131, 0.3294**.

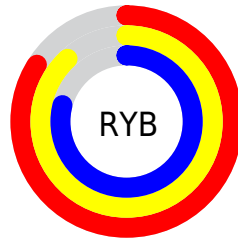
Distribution



Red (88%)

Green (85%)

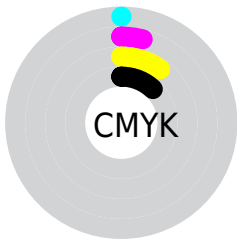
Blue (79%)



Red (84%)

Yellow (88%)

Blue (79%)

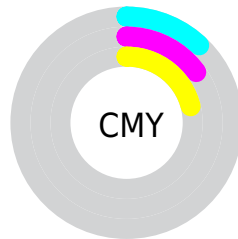


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8975, 0.3289, 0.3455 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 69.8975, 0.3289, 0.3455 by changing the saturation by 10% instead.

■ 69.8975, 0.3289,
0.3455

■ 69.8975, 0.3289,
0.3455

460.1900, 0.3213,
0.3378

■ 51.4430, 0.3306,
0.3473

119.0626, 0.3263,
0.3428

■ 36.5613, 0.3328,
0.3495

150.5419, 0.3252,
0.3418

■ 24.8680, 0.3356,
0.3523

187.1316, 0.3244,
0.3409

■ 15.9787, 0.3392,
0.3559

229.2162, 0.3236,
0.3401

■ 9.5091, 0.3442,
0.3610

277.1799, 0.3229,
0.3394

■ 5.0747, 0.3514,
0.3684

331.4071, 0.3223,

■ 2.2912, 0.3630,

0.3388

0.3801

392.2824, 0.3218,
0.3383

0.7690, 0.4186,
0.4370

0.0000, 0.0000,
0.0000

69.8975, 0.3289,
0.3455

69.8975, 0.3289,
0.3455

64.9439, 0.3464,
0.3624

75.2068, 0.3131,
0.3294

60.3275, 0.3656,
0.3796

80.8716, 0.2989,
0.3142

56.0413, 0.3861,
0.3967

85.9316, 0.2944,
0.3144

52.0749, 0.4077,
0.4127

90.6907, 0.2945,
0.3224

■ 48.4169, 0.4294,
0.4267

■ 94.7566, 0.2947,
0.3289

■ 45.0547, 0.4504,
0.4374

■ 41.9745, 0.4696,
0.4438

■ 39.1603, 0.4860,
0.4451

■ 36.6444, 0.4991,
0.4419

Harmonies

Analogous

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



69.8975, 0.3327, 0.3399



69.8975, 0.3289, 0.3455



69.8975, 0.3207, 0.3467

Triad

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



69.8975, 0.3289, 0.3455



69.8975, 0.2947, 0.3260



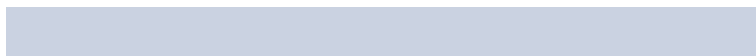
69.8975, 0.3147, 0.3156

Complementary

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



69.8975, 0.3289, 0.3455



64.1346, 0.2968, 0.3119

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.



69.8975, 0.3045, 0.3119



69.8975, 0.3289, 0.3455



69.8975, 0.2931, 0.3177

Square

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



69.8975, 0.3289, 0.3455



69.8975, 0.3010, 0.3353



69.8975, 0.2967, 0.3126



69.8975, 0.3244, 0.3228

Rectangle

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



69.8975, 0.3289, 0.3455



69.8975, 0.3140, 0.3447



69.8975, 0.2967, 0.3126



69.8975, 0.3112, 0.3140

Sweetspot

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



69.9006, 0.3289, 0.3455



97.8193, 0.3173, 0.3338



62.9423, 0.3245, 0.3197



20.8142, 0.3186, 0.3351



0.0000, 0.0000, 0.0000



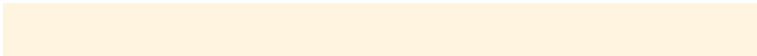
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9006, 0.3289, 0.3455



91.5347, 0.3320, 0.3486



73.6732, 0.3257, 0.3543



15.1792, 0.3276, 0.3442



21.3314, 0.4975, 0.4432



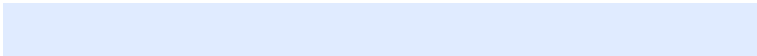
1.6446, 0.4824, 0.4552

Inverse Universe

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



64.1346, 0.2968, 0.3119



82.6156, 0.2938, 0.3086



60.6805, 0.2990, 0.3027



14.0247, 0.2981, 0.3133



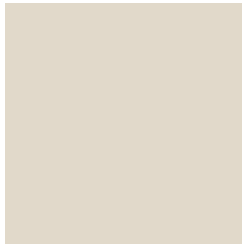
6.5377, 0.1647, 0.1130



0.6171, 0.1733, 0.1440

Previews

White Background



This preview shows how the Yxy color 69.8975, 0.3289, 0.3455 looks on a white background.

Color Contrast Check

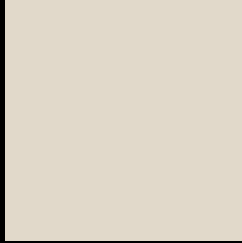
Large Text (above 18pt) WCAG AA × Fail

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 69.8975, 0.3289, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

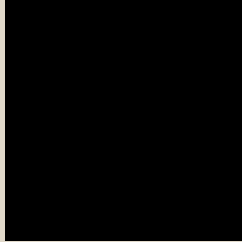
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

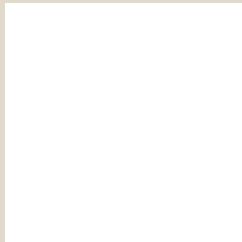
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8975, 0.3289, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 69.8975, 0.3289, 0.3455.

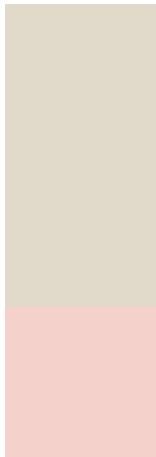


This preview shows how white text looks on a background with the Yxy color 69.8975, 0.3289, 0.3455.

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

69.8975, 0.3289, 0.3455

Protanopia

69.8975, 0.3289, 0.3455

Deuteranopia

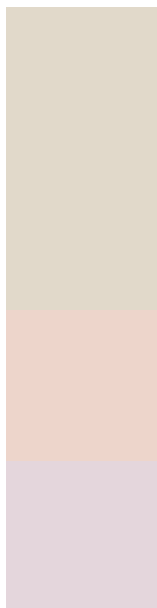
69.6381, 0.3437, 0.3365



Tritanopia

69.9597, 0.3128, 0.3109

Trichromacy



Original Color

69.8975, 0.3289, 0.3455

Protanomaly

69.8975, 0.3289, 0.3455

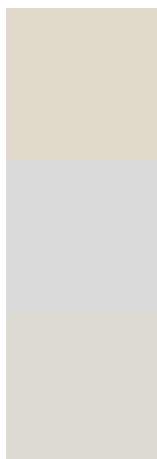
Deuteranomaly

69.9048, 0.3378, 0.3398

Tritanomaly

69.7544, 0.3189, 0.3226

Monochromacy



Original Color

69.8975, 0.3289, 0.3455

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2684, 0.3189, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8975, 0.3289, 0.3455 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, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 202)  
}
```

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, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 202) }
```

Border

The CSS property to change the border of an element to Yxy 69.8975, 0.3289, 0.3455 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, 217, 202) }
```

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

```
.border{ border-color:rgb(225, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
202) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 69.8975, 0.3289, 0.3455$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 202) }
```

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

```
.background{ background-color: rgb(225,  
217, 202) }
```

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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