

Converting Colors

Yxy(69.9441, 0.3242, 0.3398)

Have a look what the booklet for
Yxy(69.9441, 0.3242, 0.3398)
contains.

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Color

Yxy(69.9780, 0.3246, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	E0D9CF
RGB	224, 217, 207
RGB Percent	88%, 85%, 81%
CMY	0.1217, 0.1490, 0.1881
CMYK	0.00, 0.03, 0.08, 0.12
HSL	35°, 21%, 85%
HSV	35°, 8%, 88%
XYZ	66.8084, 69.9780, 69.0312
YIQ	217.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

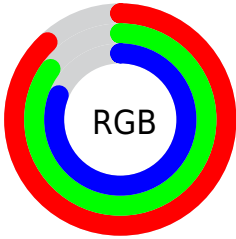
Format	Color
R _Y B	219, 224, 207
Decimal	14735823
CIE Lab	86.99, 0.66, 5.75
CIE LCh	87, 5.786, 83.465
Yxy	69.9780, 0.3246, 0.3400
Android (android.graphics.Color)	4292925903 (0xFFE0D9CF)
YUV	217.9530, -5.3998, 5.3032
Hunter-Lab	83.6529, -3.8355, 9.6302

Details

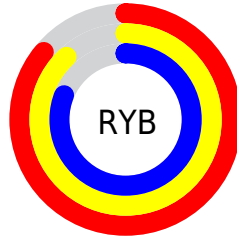
The Yxy color **69.9780, 0.3246, 0.3400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7247, 0.3011, 0.3178**, and the grayscale version is **70.1102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5756, 0.3275, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **64.3590, 0.3420, 0.3552**, and if you desaturate by 10%, it is **76.0219, 0.3091, 0.3256**.

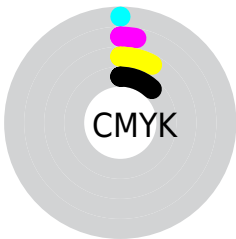
Distribution



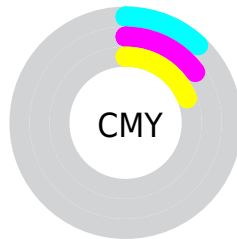
- Red (88%)
- Green (85%)
- Blue (81%)



- Red (86%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9780, 0.3246, 0.3400 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 69.9780, 0.3246, 0.3400 by changing the saturation by 10% instead.

■ 69.9780, 0.3246,
0.3400

■ 69.9780, 0.3246,
0.3400

460.4728, 0.3191,
0.3349

■ 51.5086, 0.3259,
0.3412

119.1774, 0.3227,
0.3382

■ 36.6135, 0.3275,
0.3426

150.6762, 0.3219,
0.3375

■ 24.9084, 0.3295,
0.3445

187.2868, 0.3213,
0.3369

■ 16.0088, 0.3322,
0.3469

229.3938, 0.3207,
0.3364

■ 9.5304, 0.3358,
0.3503

277.3815, 0.3202,
0.3360

■ 5.0887, 0.3412,
0.3552

331.6343, 0.3198,

■ 2.2994, 0.3499,

0.3356

0.3630

392.5366, 0.3194,
0.3352

0.7734, 0.3823,
0.3936

0.0000, 0.0000,
0.0000

69.9780, 0.3246,
0.3400

69.9780, 0.3246,
0.3400

64.3590, 0.3420,
0.3552

76.0219, 0.3091,
0.3256

59.1450, 0.3614,
0.3710

82.4917, 0.2954,
0.3121

54.3276, 0.3826,
0.3867

88.1006, 0.2938,
0.3184

49.8950, 0.4054,
0.4018

93.7816, 0.2940,
0.3277

■ 45.8343, 0.4292,
0.4152

■ 94.5809, 0.2940,
0.3289

■ 42.1318, 0.4529,
0.4257

■ 38.7721, 0.4755,
0.4322

■ 35.7382, 0.4956,
0.4336

■ 33.0084, 0.5122,
0.4298

Harmonies

Analogous

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



69.9780, 0.3266, 0.3358



69.9780, 0.3246, 0.3400



69.9780, 0.3194, 0.3413

Triad

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



69.9780, 0.3246, 0.3400



69.9780, 0.3007, 0.3280



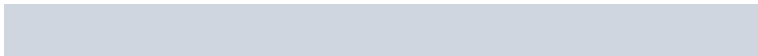
69.9780, 0.3129, 0.3191

Complementary

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



69.9780, 0.3246, 0.3400



66.7247, 0.3011, 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.



69.9780, 0.3060, 0.3170



69.9780, 0.3246, 0.3400



69.9780, 0.2990, 0.3220

Square

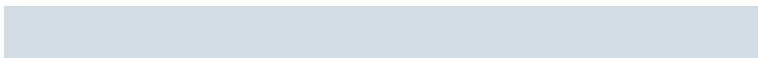
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9780, 0.3246, 0.3400



69.9780, 0.3056, 0.3344



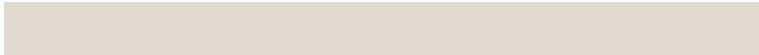
69.9780, 0.3009, 0.3180



69.9780, 0.3198, 0.3237

Rectangle

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



69.9780, 0.3246, 0.3400



69.9780, 0.3148, 0.3403



69.9780, 0.3009, 0.3180



69.9780, 0.3105, 0.3180

Sweetspot

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



69.9811, 0.3246, 0.3400



98.3491, 0.3158, 0.3319



65.3369, 0.3206, 0.3213



21.0681, 0.3156, 0.3317



0.0000, 0.0000, 0.0000



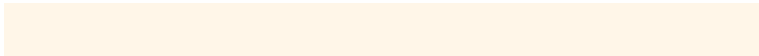
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9811, 0.3246, 0.3400



92.7521, 0.3271, 0.3422



73.4121, 0.3229, 0.3475



15.0380, 0.3277, 0.3428



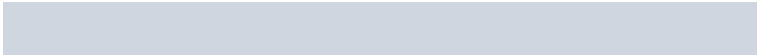
19.0878, 0.5141, 0.4300



1.4980, 0.4956, 0.4447

Inverse Universe

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



66.7247, 0.3011, 0.3178



87.5668, 0.2987, 0.3154



63.4895, 0.3021, 0.3099



14.1615, 0.2981, 0.3148



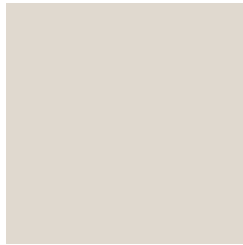
7.7848, 0.1694, 0.1298



0.7126, 0.1779, 0.1603

Previews

White Background



This preview shows how the Yxy color 69.9780, 0.3246, 0.3400 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 69.9780, 0.3246, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

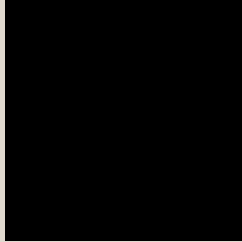
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

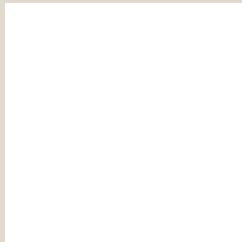
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9780, 0.3246, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 69.9780, 0.3246, 0.3400.

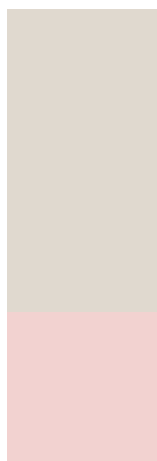


This preview shows how white text looks on a background with the Yxy color 69.9780, 0.3246, 0.3400.

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

69.9780, 0.3246, 0.3400

Protanopia

69.9780, 0.3246, 0.3400

Deuteranopia

69.5245, 0.3385, 0.3312



Tritanopia

70.1372, 0.3113, 0.3119

Trichromacy



Original Color

69.9780, 0.3246, 0.3400

Protanomaly

69.9780, 0.3246, 0.3400

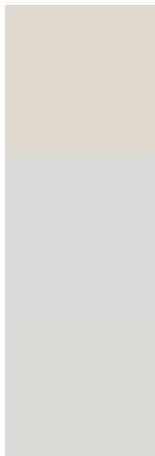
Deuteranomaly

69.8047, 0.3327, 0.3344

Tritanomaly

70.0436, 0.3160, 0.3215

Monochromacy



Original Color

69.9780, 0.3246, 0.3400

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2135, 0.3168, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9780, 0.3246, 0.3400 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(224, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 207)  
}
```

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(224, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.9780, 0.3246, 0.3400 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(224, 217, 207) }
```

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

```
.border{ border-color:rgb(224, 217, 207) }
```

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

Here you see how a box with a 4 pixel rgb(224, 217, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9780, 0.3246, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 207) }
```

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

```
.background{ background-color: rgb(224,  
217, 207) }
```

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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