

Converting Colors

$Yxy(69.6522, 0.3262, 0.3388)$

Have a look what the booklet for
Yxy(69.6522, 0.3262, 0.3388)
contains.

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Color

Yxy(69.7855, 0.3262, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8CF
RGB	226, 216, 207
RGB Percent	89%, 85%, 81%
CMY	0.1139, 0.1529, 0.1882
CMYK	0.00, 0.04, 0.08, 0.11
HSL	29°, 25%, 85%
HSV	29°, 8%, 89%
XYZ	67.1703, 69.7855, 68.9618
YIQ	217.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

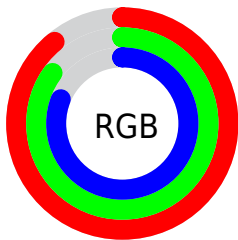
Format	Color
R _Y B	226, 224, 207
Decimal	14866639
CIE Lab	86.89, 1.87, 5.64
CIE LCh	87, 5.944, 71.690
Yxy	69.7855, 0.3262, 0.3389
Android (android.graphics.Color)	4293056719 (0xFFE2D8CF)
YUV	217.9640, -5.4053, 7.0476
Hunter-Lab	83.5377, -2.6641, 9.5315

Details

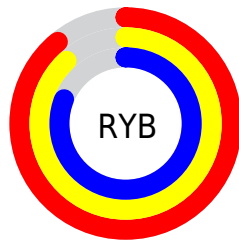
The Yxy color **69.7855, 0.3262, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3434, 0.2998, 0.3189**, and the grayscale version is **70.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4476, 0.3297, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **62.9112, 0.3445, 0.3514**, and if you desaturate by 10%, it is **77.2612, 0.3103, 0.3272**.

Distribution



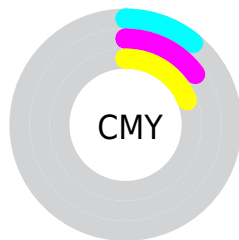
- Red (89%)
- Green (85%)
- Blue (81%)



- Red (89%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7855, 0.3262, 0.3389 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 69.7855, 0.3262, 0.3389 by changing the saturation by 10% instead.

69.7855, 0.3262,
0.3389

69.7855, 0.3262,
0.3389

459.7965, 0.3199,
0.3343

51.3517, 0.3277,
0.3400

118.9028, 0.3240,
0.3373

36.4886, 0.3295,
0.3413

150.3551, 0.3231,
0.3367

24.8118, 0.3318,
0.3429

186.9157, 0.3224,
0.3362

15.9369, 0.3348,
0.3451

228.9689, 0.3218,
0.3357

9.4795, 0.3390,
0.3481

276.8992, 0.3212,
0.3353

5.0552, 0.3452,
0.3524

331.0910, 0.3207,

2.2797, 0.3551,

0.3349

0.3592

391.9286, 0.3203,
0.3346

0.7629, 0.3913,
0.3873

0.0000, 0.0000,
0.0000

69.7855, 0.3262,
0.3389

69.7855, 0.3262,
0.3389

62.9112, 0.3445,
0.3514

77.2612, 0.3103,
0.3272

56.6132, 0.3653,
0.3643

85.3442, 0.2965,
0.3162

50.8780, 0.3888,
0.3772

92.7115, 0.2951,
0.3255

45.6882, 0.4148,
0.3894

94.9005, 0.2952,
0.3289

■ 41.0250, 0.4427,
0.4001

■ 36.8686, 0.4715,
0.4079

■ 33.1973, 0.4996,
0.4115

■ 29.9869, 0.5251,
0.4099

■ 27.2071, 0.5464,
0.4030

Harmonies

Analogous

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



69.7855, 0.3268, 0.3337



69.7855, 0.3262, 0.3389



69.7855, 0.3220, 0.3415

Triad

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



69.7855, 0.3262, 0.3389



69.7855, 0.3020, 0.3306



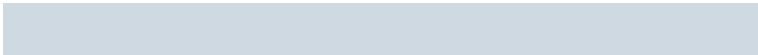
69.7855, 0.3100, 0.3176

Complementary

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



69.7855, 0.3262, 0.3389



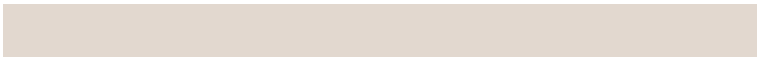
68.3434, 0.2998, 0.3189

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.



69.7855, 0.3035, 0.3167



69.7855, 0.3262, 0.3389



69.7855, 0.2989, 0.3241

Square

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



69.7855, 0.3262, 0.3389



69.7855, 0.3080, 0.3368



69.7855, 0.2994, 0.3190



69.7855, 0.3174, 0.3215

Rectangle

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



69.7855, 0.3262, 0.3389



69.7855, 0.3177, 0.3414



69.7855, 0.2994, 0.3190



69.7855, 0.3076, 0.3169

Sweetspot

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



69.7886, 0.3262, 0.3389



96.9862, 0.3174, 0.3325



65.8027, 0.3199, 0.3180



20.5893, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



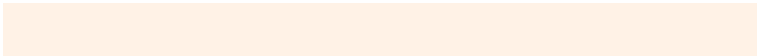
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7886, 0.3262, 0.3389



90.2348, 0.3291, 0.3410



74.6878, 0.3252, 0.3489



14.7715, 0.3280, 0.3402



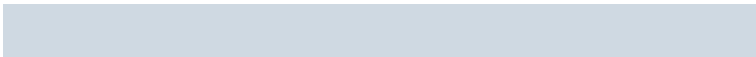
15.5277, 0.5472, 0.4037



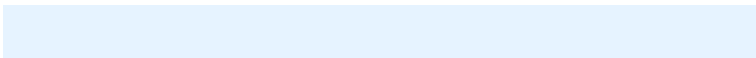
1.2547, 0.5224, 0.4234

Inverse Universe

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



68.3434, 0.2998, 0.3189



87.9783, 0.2971, 0.3168



63.6875, 0.2998, 0.3083



14.4258, 0.2981, 0.3176



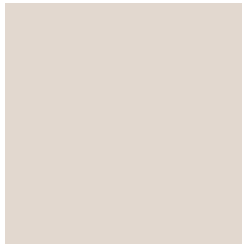
10.8198, 0.1796, 0.1664



0.9290, 0.1871, 0.1933

Previews

White Background



This preview shows how the Yxy color 69.7855, 0.3262, 0.3389 looks on a white background.

Color Contrast Check

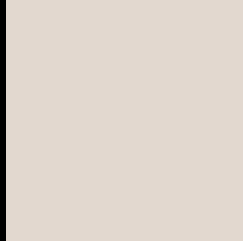
Large Text (above 18pt) WCAG AA × Fail

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 69.7855, 0.3262, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

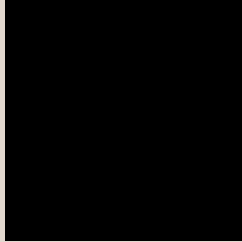
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

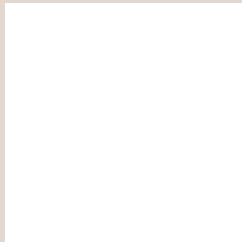
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7855, 0.3262, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 69.7855, 0.3262, 0.3389.

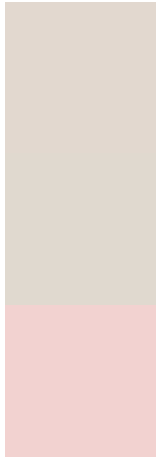


This preview shows how white text looks on a background with the Yxy color 69.7855, 0.3262, 0.3389.

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

69.7855, 0.3262, 0.3389

Protanopia

69.9780, 0.3246, 0.3400

Deuteranopia

69.5245, 0.3385, 0.3312



Tritanopia

69.9037, 0.3135, 0.3120

Trichromacy



Original Color

69.7855, 0.3262, 0.3389

Protanomaly

70.1383, 0.3254, 0.3400

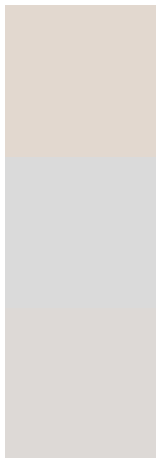
Deuteranomaly

69.4739, 0.3336, 0.3333

Tritanomaly

69.8076, 0.3182, 0.3215

Monochromacy



Original Color

69.7855, 0.3262, 0.3389

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8529, 0.3176, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7855, 0.3262, 0.3389 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, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 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(226, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.7855, 0.3262, 0.3389 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, 216, 207) }
```

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

```
.border{ border-color:rgb(226, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7855, 0.3262, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 207) }
```

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

```
.background{ background-color: rgb(226,  
216, 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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