

Converting Colors

Yxy(69.2921, 0.3313, 0.3365)

Have a look what the booklet for
Yxy(69.2921, 0.3313, 0.3365)
contains.

Yxy(69.2005, 0.3318, 0.3366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.2005, 0.3318, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	E8D5CE
RGB	232, 213, 206
RGB Percent	91%, 84%, 81%
CMY	0.0902, 0.1647, 0.1920
CMYK	0.00, 0.08, 0.11, 0.09
HSL	16°, 36%, 86%
HSV	16°, 11%, 91%
XYZ	68.2137, 69.2005, 68.1726
YIQ	217.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

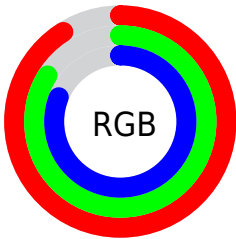
Format	Color
R _Y B	232, 216, 206
Decimal	15259086
CIE Lab	86.60, 5.40, 5.80
CIE LCh	87, 7.930, 47.041
Yxy	69.2005, 0.3318, 0.3366
Android (android.graphics.Color)	4293449166 (0xFFE8D5CE)
YUV	217.8830, -5.8583, 12.3806
Hunter-Lab	83.1868, 0.7941, 9.6420

Details

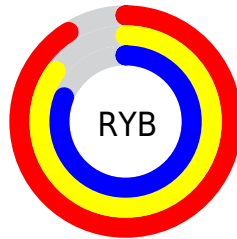
The Yxy color **69.2005, 0.3318, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.8097, 0.2954, 0.3213**, and the grayscale version is **70.0624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9508, 0.3361, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **60.0647, 0.3524, 0.3439**, and if you desaturate by 10%, it is **79.4017, 0.3146, 0.3298**.

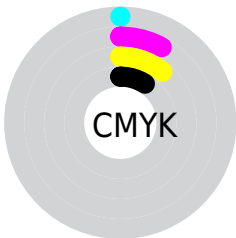
Distribution



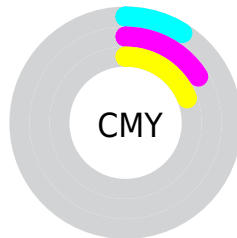
- Red (91%)
- Green (84%)
- Blue (81%)



- Red (91%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2005, 0.3318, 0.3366 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 69.2005, 0.3318, 0.3366 by changing the saturation by 10% instead.

69.2005, 0.3318,
0.3366

69.2005, 0.3318,
0.3366

457.7378, 0.3228,
0.3331

50.8750, 0.3339,
0.3374

118.0679, 0.3287,
0.3354

36.1091, 0.3365,
0.3384

149.3786, 0.3275,
0.3349

24.5185, 0.3398,
0.3396

185.7865, 0.3264,
0.3345

15.7187, 0.3441,
0.3412

227.6760, 0.3255,
0.3342

9.3253, 0.3502,
0.3433

275.4315, 0.3247,
0.3339

4.9540, 0.3591,
0.3463

329.4374, 0.3240,

2.2203, 0.3735,

0.3336

0.3509

390.0780, 0.3234,
0.3333

0.7310, 0.4244,
0.3753

0.0000, 0.0000,
0.0000

69.2005, 0.3318,
0.3366

69.2005, 0.3318,
0.3366

60.0647, 0.3524,
0.3439

79.4017, 0.3146,
0.3298

51.9504, 0.3769,
0.3514

90.6919, 0.3002,
0.3235

44.8242, 0.4057,
0.3587

95.8941, 0.2987,
0.3290

38.6475, 0.4389,
0.3654

■ 33.3789, 0.4757,
0.3704

■ 28.9739, 0.5145,
0.3727

■ 25.3838, 0.5520,
0.3712

■ 22.5544, 0.5841,
0.3651

■ 20.6368, 0.6059,
0.3571

Harmonies

Analogous

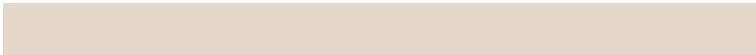
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2005, 0.3283, 0.3282



69.2005, 0.3318, 0.3366



69.2005, 0.3301, 0.3431

Triad

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



69.2005, 0.3318, 0.3366



69.2005, 0.3048, 0.3381



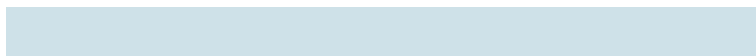
69.2005, 0.3017, 0.3125

Complementary

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



69.2005, 0.3318, 0.3366



72.8097, 0.2954, 0.3213

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.



69.2005, 0.2956, 0.3148



69.2005, 0.3318, 0.3366



69.2005, 0.2974, 0.3295

Square

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



69.2005, 0.3318, 0.3366



69.2005, 0.3144, 0.3442



69.2005, 0.2940, 0.3210



69.2005, 0.3108, 0.3145

Rectangle

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



69.2005, 0.3318, 0.3366



69.2005, 0.3263, 0.3455



69.2005, 0.2940, 0.3210



69.2005, 0.2992, 0.3127

Sweetspot

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



69.2036, 0.3318, 0.3366



95.9995, 0.3175, 0.3310



66.7512, 0.3189, 0.3087



20.3234, 0.3188, 0.3315



0.0000, 0.0000, 0.0000



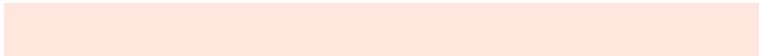
21.4041, 0.3127, 0.3290

Same Dimension

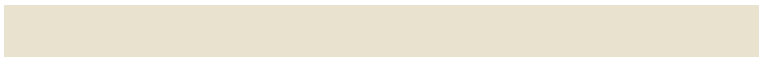
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2036, 0.3318, 0.3366



83.5425, 0.3354, 0.3379



75.9680, 0.3301, 0.3503



14.9949, 0.3286, 0.3354



11.6355, 0.6031, 0.3593



1.0100, 0.5744, 0.3821

Inverse Universe

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



72.8097, 0.2954, 0.3213



88.6932, 0.2926, 0.3199



66.0825, 0.2952, 0.3068



15.6468, 0.2981, 0.3225



19.3416, 0.1999, 0.2395



1.5806, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 69.2005, 0.3318, 0.3366 looks on a white background.

Color Contrast Check

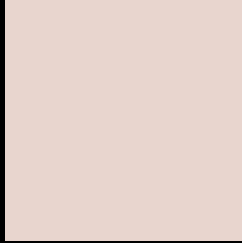
Large Text (above 18pt) WCAG AA × Fail

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 69.2005, 0.3318, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

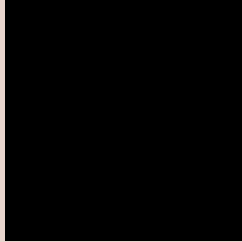
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

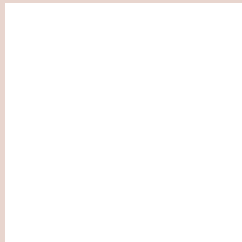
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2005, 0.3318, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 69.2005, 0.3318, 0.3366.

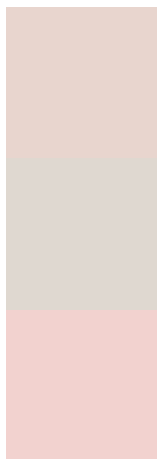


This preview shows how white text looks on a background with the Yxy color 69.2005, 0.3318, 0.3366.

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

69.2005, 0.3318, 0.3366

Protanopia

69.3538, 0.3233, 0.3378

Deuteranopia

69.4754, 0.3392, 0.3323



Tritanopia

69.2463, 0.3202, 0.3121

Trichromacy



Original Color

69.2005, 0.3318, 0.3366

Protanomaly

69.2746, 0.3264, 0.3378

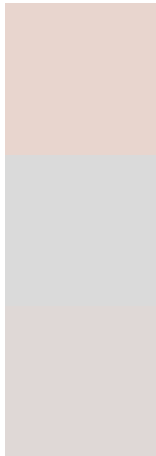
Deuteranomaly

69.2707, 0.3360, 0.3333

Tritanomaly

69.1954, 0.3243, 0.3205

Monochromacy



Original Color

69.2005, 0.3318, 0.3366

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.6547, 0.3192, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2005, 0.3318, 0.3366 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(232, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 206)  
}
```

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(232, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 206) }
```

Border

The CSS property to change the border of an element to Yxy 69.2005, 0.3318, 0.3366 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(232, 213, 206) }
```

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

```
.border{ border-color:rgb(232, 213, 206) }
```

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

Here you see how a box with a 4 pixel rgb(232, 213, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2005, 0.3318, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 206) }
```

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

```
.background{ background-color: rgb(232,  
213, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor