

Converting Colors

$Y_{xy}(74.9409, 0.3231, 0.3354)$

Have a look what the booklet for
Yxy(74.9409, 0.3231, 0.3354)
contains.

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Color

Yxy(74.9409, 0.3231, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	E8DFD9
RGB	232, 223, 217
RGB Percent	91%, 87%, 85%
CMY	0.0902, 0.1255, 0.1490
CMYK	0.00, 0.04, 0.06, 0.09
HSL	24°, 25%, 88%
HSV	24°, 6%, 91%
XYZ	72.1926, 74.9409, 76.3039
YIQ	225.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

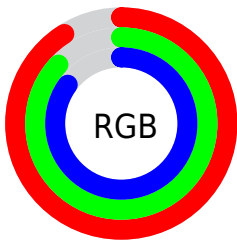
Format	Color
R _Y B	232, 227, 217
Decimal	15261657
CIE Lab	89.37, 2.04, 4.02
CIE LCh	89, 4.505, 63.091
Yxy	74.9409, 0.3231, 0.3354
Android (android.graphics.Color)	4293451737 (0xFFE8DFD9)
YUV	225.0070, -3.9475, 6.1329
Hunter-Lab	86.5684, -2.6369, 8.3380

Details

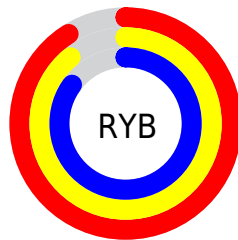
The Yxy color **74.9409, 0.3231, 0.3354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9742, 0.3028, 0.3225**, and the grayscale version is **75.3280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8440, 0.3253, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **66.6846, 0.3413, 0.3458**, and if you desaturate by 10%, it is **83.9851, 0.3075, 0.3256**.

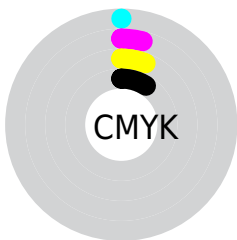
Distribution



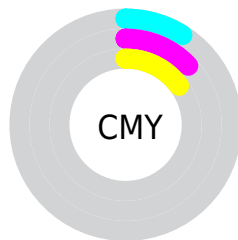
- Red (91%)
- Green (87%)
- Blue (85%)



- Red (91%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9409, 0.3231, 0.3354 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 74.9409, 0.3231, 0.3354 by changing the saturation by 10% instead.

74.9409, 0.3231,
0.3354

74.9409, 0.3231,
0.3354

477.7144, 0.3183,
0.3325

55.5645, 0.3242,
0.3361

126.2287, 0.3214,
0.3344

39.8538, 0.3255,
0.3369

158.9089, 0.3208,
0.3340

27.4246, 0.3273,
0.3379

196.7924, 0.3202,
0.3337

17.8924, 0.3295,
0.3392

240.2637, 0.3198,
0.3334

10.8727, 0.3325,
0.3411

289.7071, 0.3193,
0.3331

5.9813, 0.3369,
0.3436

345.5072, 0.3189,

2.8337, 0.3438,

0.3329

0.3476

408.0481, 0.3186,
0.3327

1.0456, 0.3568,
0.3551

0.0000, 0.0000,
0.0000

74.9409, 0.3231,
0.3354

74.9409, 0.3231,
0.3354

66.6846, 0.3413,
0.3458

83.9851, 0.3075,
0.3256

59.1848, 0.3625,
0.3567

93.2752, 0.2987,
0.3248

52.4219, 0.3869,
0.3677

95.8975, 0.2988,
0.3290

46.3720, 0.4145,
0.3783

■ 41.0098, 0.4449,
0.3875

■ 36.3081, 0.4771,
0.3941

■ 32.2377, 0.5094,
0.3970

■ 28.7663, 0.5392,
0.3948

■ 25.8573, 0.5642,
0.3873

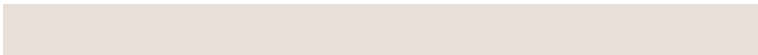
Harmonies

Analogous

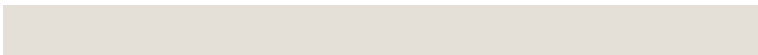
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9409, 0.3227, 0.3312



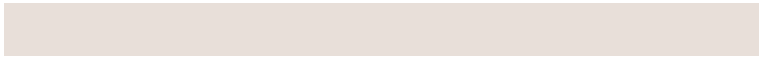
74.9409, 0.3231, 0.3354



74.9409, 0.3207, 0.3380

Triad

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



74.9409, 0.3231, 0.3354



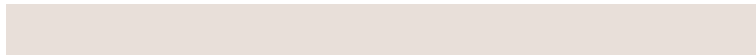
74.9409, 0.3059, 0.3316



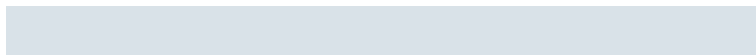
74.9409, 0.3092, 0.3201

Complementary

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



74.9409, 0.3231, 0.3354



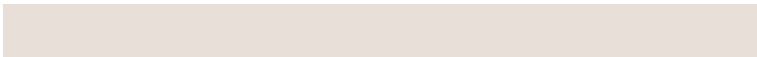
74.9742, 0.3028, 0.3225

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.



74.9409, 0.3048, 0.3201



74.9409, 0.3231, 0.3354



74.9409, 0.3029, 0.3267

Square

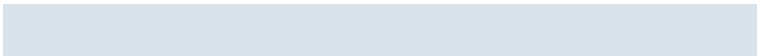
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9409, 0.3231, 0.3354



74.9409, 0.3108, 0.3358



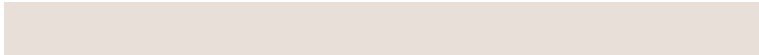
74.9409, 0.3025, 0.3225



74.9409, 0.3146, 0.3224

Rectangle

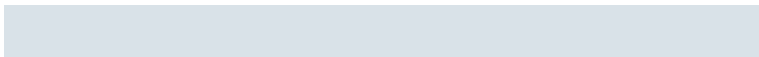
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



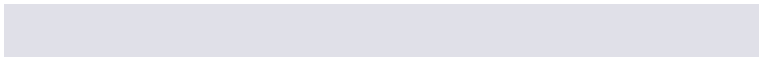
74.9409, 0.3231, 0.3354



74.9409, 0.3179, 0.3384



74.9409, 0.3025, 0.3225



74.9409, 0.3076, 0.3198

Sweetspot

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



74.9442, 0.3231, 0.3354



97.7389, 0.3158, 0.3310



72.2877, 0.3173, 0.3192



20.9439, 0.3157, 0.3309



0.0000, 0.0000, 0.0000



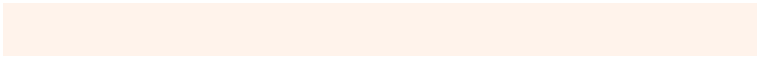
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9442, 0.3231, 0.3354



91.1924, 0.3258, 0.3370



78.9049, 0.3224, 0.3430



15.3093, 0.3282, 0.3384



14.0813, 0.5692, 0.3862



1.2183, 0.5426, 0.4074

Inverse Universe

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



74.9742, 0.3028, 0.3225



91.2381, 0.3003, 0.3209



71.1111, 0.3028, 0.3146



15.3184, 0.2981, 0.3194



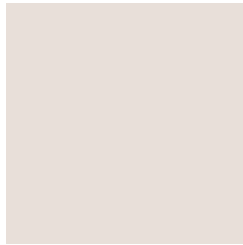
13.7715, 0.1869, 0.1927



1.1983, 0.1930, 0.2147

Previews

White Background



This preview shows how the Yxy color 74.9409, 0.3231, 0.3354 looks on a white background.

Color Contrast Check

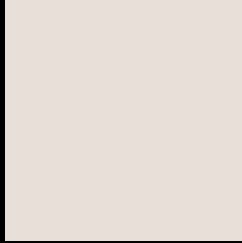
Large Text (above 18pt) WCAG AA × Fail

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 74.9409, 0.3231, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

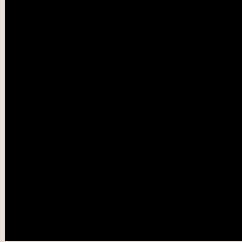
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

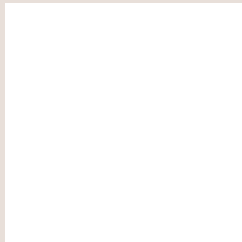
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9409, 0.3231, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 74.9409, 0.3231, 0.3354.

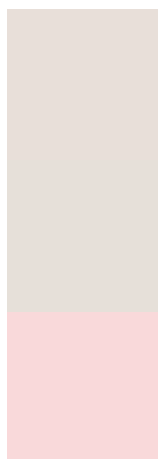


This preview shows how white text looks on a background with the Yxy color 74.9409, 0.3231, 0.3354.

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

74.9409, 0.3231, 0.3354

Protanopia

75.1441, 0.3216, 0.3365

Deuteranopia

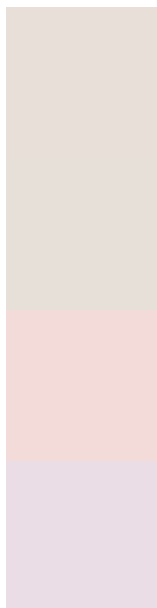
74.8274, 0.3355, 0.3280



Tritanopia

74.9630, 0.3121, 0.3114

Trichromacy



Original Color

74.9409, 0.3231, 0.3354

Protanomaly

75.3100, 0.3223, 0.3365

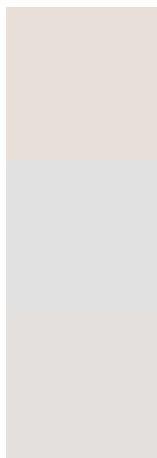
Deuteranomaly

74.7797, 0.3308, 0.3301

Tritanomaly

74.9185, 0.3160, 0.3196

Monochromacy



Original Color

74.9409, 0.3231, 0.3354

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0792, 0.3168, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9409, 0.3231, 0.3354 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, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 217)  
}
```

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, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 74.9409, 0.3231, 0.3354 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, 223, 217) }
```

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

```
.border{ border-color:rgb(232, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9409, 0.3231, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 217) }
```

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

```
.background{ background-color: rgb(232,  
223, 217) }
```

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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