

Converting Colors

$Yxy(76.0140, 0.3267, 0.3431)$

Have a look what the booklet for
Yxy(76.0140, 0.3267, 0.3431)
contains.

Yxy(75.9275, 0.3270, 0.3428)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9275, 0.3270, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1D4
RGB	233, 225, 212
RGB Percent	91%, 88%, 83%
CMY	0.0861, 0.1177, 0.1686
CMYK	0.00, 0.03, 0.09, 0.09
HSL	37°, 32%, 87%
HSV	37°, 9%, 91%
XYZ	72.4279, 75.9275, 73.1367
YIQ	225.9100, 8.9410, -2.3470

Conversions

Conversions Part 2

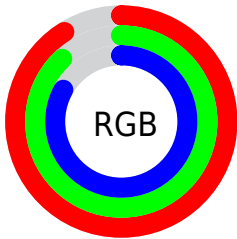
Format	Color
R _Y B	225, 233, 212
Decimal	15327700
CIE Lab	89.83, 0.55, 7.30
CIE LCh	90, 7.324, 85.697
Yxy	75.9275, 0.3270, 0.3428
Android (android.graphics.Color)	4293517780 (0xFFE9E1D4)
YUV	225.9100, -6.8576, 6.2179
Hunter-Lab	87.1364, -4.1192, 11.2312

Details

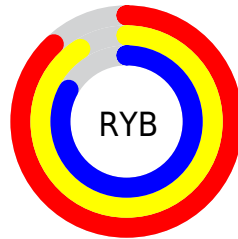
The Yxy color **75.9275, 0.3270, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1179, 0.2987, 0.3148**, and the grayscale version is **76.0380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5309, 0.3304, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **70.1315, 0.3446, 0.3588**, and if you desaturate by 10%, it is **82.1529, 0.3113, 0.3276**.

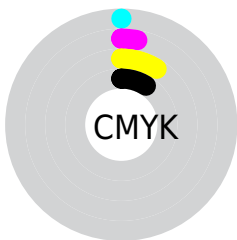
Distribution



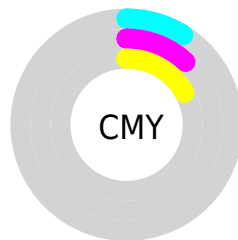
- Red (91%)
- Green (88%)
- Blue (83%)



- Red (88%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9275, 0.3270, 0.3428 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 75.9275, 0.3270, 0.3428 by changing the saturation by 10% instead.

75.9275, 0.3270,
0.3428

75.9275, 0.3270,
0.3428

481.0995, 0.3204,
0.3365

56.3731, 0.3285,
0.3442

127.6244, 0.3247,
0.3406

40.5021, 0.3303,
0.3460

160.5357, 0.3238,
0.3398

27.9302, 0.3327,
0.3482

198.6680, 0.3231,
0.3390

18.2731, 0.3357,
0.3511

242.4058, 0.3224,
0.3384

11.1462, 0.3398,
0.3551

292.1335, 0.3218,
0.3378

6.1653, 0.3457,
0.3607

348.2354, 0.3213,

2.9458, 0.3549,

0.3373

0.3694

411.0959, 0.3208,
0.3369

■ 1.1035, 0.3746,
0.3883

■ 0.0000, 0.0000,
0.0000

■ 75.9275, 0.3270,
0.3428

■ 75.9275, 0.3270,
0.3428

■ 70.1315, 0.3446,
0.3588

■ 82.1529, 0.3113,
0.3276

■ 64.7439, 0.3640,
0.3753

■ 88.5723, 0.2993,
0.3168

■ 59.7563, 0.3850,
0.3917

■ 94.0490, 0.2994,
0.3258

■ 55.1563, 0.4074,
0.4071

■ 96.0729, 0.2994,
0.3290

■ 50.9306, 0.4303,
0.4207

■ 47.0648, 0.4529,
0.4313

■ 43.5428, 0.4739,
0.4375

■ 40.3465, 0.4922,
0.4387

■ 37.4498, 0.5073,
0.4348

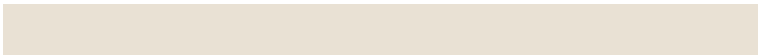
Harmonies

Analogous

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



75.9275, 0.3298, 0.3378



75.9275, 0.3270, 0.3428



75.9275, 0.3203, 0.3442

Triad

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



75.9275, 0.3270, 0.3428



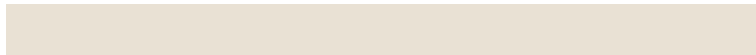
75.9275, 0.2977, 0.3272



75.9275, 0.3136, 0.3171

Complementary

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



75.9275, 0.3270, 0.3428



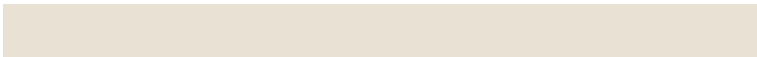
71.1179, 0.2987, 0.3148

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.



75.9275, 0.3050, 0.3143



75.9275, 0.3270, 0.3428



75.9275, 0.2959, 0.3199

Square

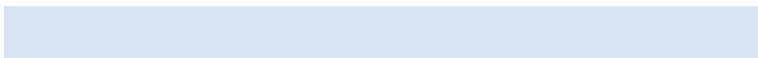
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9275, 0.3270, 0.3428



75.9275, 0.3034, 0.3351



75.9275, 0.2986, 0.3153



75.9275, 0.3220, 0.3230

Rectangle

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



75.9275, 0.3270, 0.3428



75.9275, 0.3146, 0.3427



75.9275, 0.2986, 0.3153



75.9275, 0.3106, 0.3158

Sweetspot

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



75.9308, 0.3270, 0.3428



97.6594, 0.3173, 0.3335



69.6195, 0.3225, 0.3201



20.7710, 0.3186, 0.3348



0.0000, 0.0000, 0.0000



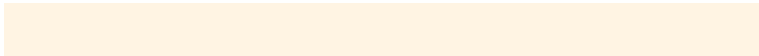
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9308, 0.3270, 0.3428



91.6506, 0.3304, 0.3460



80.0442, 0.3247, 0.3513



16.6004, 0.3277, 0.3435



21.3332, 0.5069, 0.4357



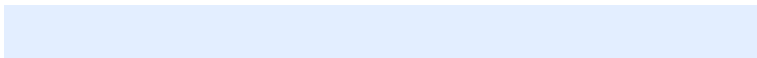
1.8603, 0.4915, 0.4479

Inverse Universe

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



71.1179, 0.2987, 0.3148



84.5217, 0.2955, 0.3114



67.2972, 0.3002, 0.3059



15.4960, 0.2980, 0.3141



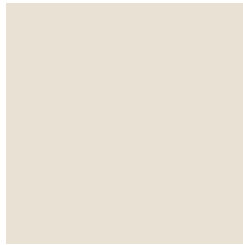
7.6483, 0.1672, 0.1218



0.7816, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 75.9275, 0.3270, 0.3428 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 75.9275, 0.3270, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

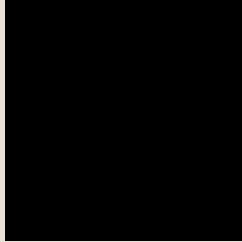
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

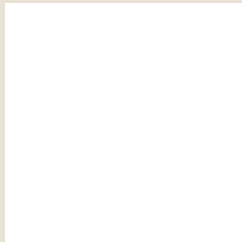
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9275, 0.3270, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 75.9275, 0.3270, 0.3428.

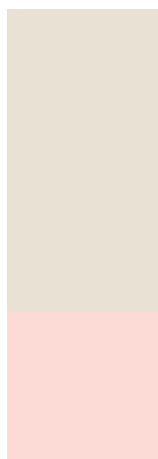


This preview shows how white text looks on a background with the Yxy color 75.9275, 0.3270, 0.3428.

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

75.9275, 0.3270, 0.3428

Protanopia

75.9275, 0.3270, 0.3428

Deuteranopia

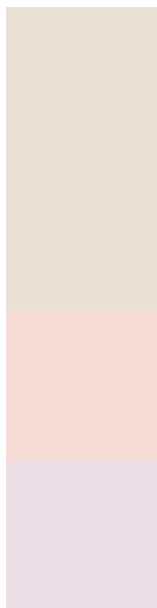
75.6424, 0.3412, 0.3342



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.9275, 0.3270, 0.3428

Protanomaly

75.9275, 0.3270, 0.3428

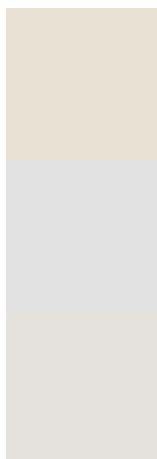
Deuteranomaly

75.9295, 0.3355, 0.3373

Tritanomaly

75.7326, 0.3180, 0.3217

Monochromacy



Original Color

75.9275, 0.3270, 0.3428

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2712, 0.3181, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9275, 0.3270, 0.3428 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(233, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 212)  
}
```

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(233, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 75.9275, 0.3270, 0.3428 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(233, 225, 212) }
```

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

```
.border{ border-color:rgb(233, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9275, 0.3270, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 212) }
```

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

```
.background{ background-color: rgb(233,  
225, 212) }
```

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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