

Converting Colors

$Yxy(75.5932, 0.3260, 0.3386)$

Have a look what the booklet for
Yxy(75.5932, 0.3260, 0.3386)
contains.

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Color

Yxy(75.7100, 0.3258, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	EAE0D7
RGB	234, 224, 215
RGB Percent	92%, 88%, 84%
CMY	0.0824, 0.1215, 0.1570
CMYK	0.00, 0.04, 0.08, 0.08
HSL	29°, 31%, 88%
HSV	29°, 8%, 92%
XYZ	72.8480, 75.7100, 75.0392
YIQ	225.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

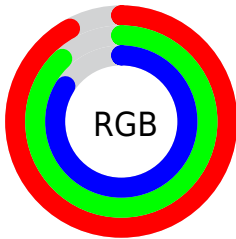
Format	Color
R_{YB}	234, 232, 215
Decimal	15392983
CIE _{Lab}	89.72, 1.87, 5.62
CIE _{LCh}	90, 5.925, 71.637
Yxy	75.7100, 0.3258, 0.3386
Android (android.graphics.Color)	4293583063 (0xFFEAE0D7)
YUV	225.9640, -5.4053, 7.0476
Hunter-Lab	87.0115, -2.8259, 9.7760

Details

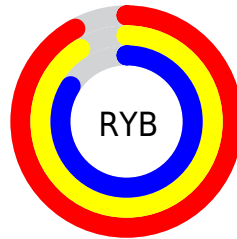
The Yxy color **75.7100, 0.3258, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2053, 0.3002, 0.3192**, and the grayscale version is **76.0610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3790, 0.3288, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **68.2322, 0.3441, 0.3510**, and if you desaturate by 10%, it is **83.8430, 0.3099, 0.3269**.

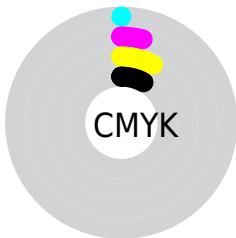
Distribution



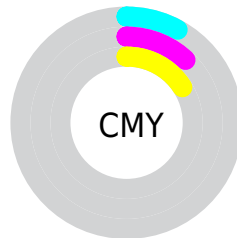
- Red (92%)
- Green (88%)
- Blue (84%)



- Red (92%)
- Yellow (91%)
- Blue (84%)



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



- Cyan (8%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7100, 0.3258, 0.3386 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 75.7100, 0.3258, 0.3386 by changing the saturation by 10% instead.

75.7100, 0.3258,
0.3386

75.7100, 0.3258,
0.3386

480.3544, 0.3198,
0.3342

56.1947, 0.3272,
0.3396

127.3169, 0.3237,
0.3371

40.3591, 0.3289,
0.3408

160.1773, 0.3229,
0.3365

27.8186, 0.3310,
0.3424

198.2549, 0.3222,
0.3360

18.1890, 0.3338,
0.3443

241.9341, 0.3216,
0.3355

11.0858, 0.3376,
0.3471

291.5992, 0.3211,
0.3351

6.1245, 0.3431,
0.3509

347.6347, 0.3206,

2.9210, 0.3516,

0.3348

410.4250, 0.3202,
0.3345

0.3568

1.0906, 0.3682,
0.3685

0.0000, 1.0000,
0.0000

75.7100, 0.3258,
0.3386

75.7100, 0.3258,
0.3386

68.2322, 0.3441,
0.3510

83.8430, 0.3099,
0.3269

61.3824, 0.3649,
0.3640

92.1943, 0.2999,
0.3226

55.1458, 0.3884,
0.3769

96.2317, 0.2999,
0.3290

49.5033, 0.4144,
0.3892

■ 44.4346, 0.4424,
0.3998

■ 39.9180, 0.4713,
0.4077

■ 35.9298, 0.4995,
0.4113

■ 32.4437, 0.5251,
0.4098

■ 29.4274, 0.5465,
0.4029

Harmonies

Analogous

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



75.7100, 0.3263, 0.3335



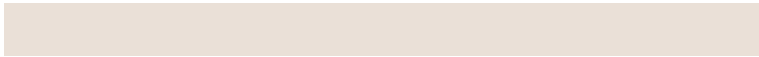
75.7100, 0.3258, 0.3386



75.7100, 0.3217, 0.3412

Triad

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



75.7100, 0.3258, 0.3386



75.7100, 0.3024, 0.3306



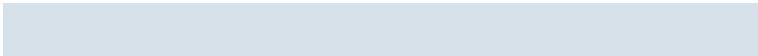
75.7100, 0.3101, 0.3179

Complementary

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



75.7100, 0.3258, 0.3386



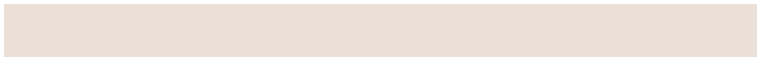
74.2053, 0.3002, 0.3192

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.



75.7100, 0.3037, 0.3170



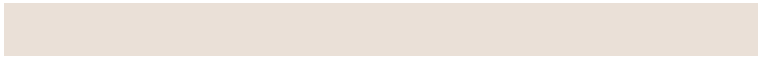
75.7100, 0.3258, 0.3386



75.7100, 0.2993, 0.3243

Square

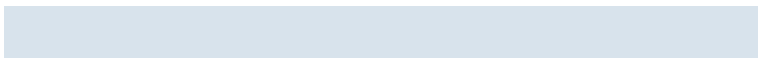
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7100, 0.3258, 0.3386



75.7100, 0.3082, 0.3365



75.7100, 0.2998, 0.3193



75.7100, 0.3172, 0.3217

Rectangle

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



75.7100, 0.3258, 0.3386



75.7100, 0.3176, 0.3411



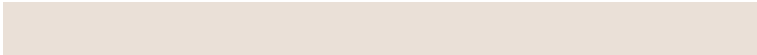
75.7100, 0.2998, 0.3193



75.7100, 0.3078, 0.3173

Sweetspot

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



75.7133, 0.3258, 0.3386



97.9805, 0.3158, 0.3313



71.5172, 0.3197, 0.3183



20.9931, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



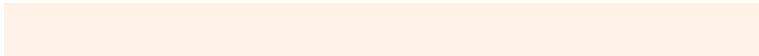
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7133, 0.3258, 0.3386



90.2240, 0.3291, 0.3409



80.8788, 0.3248, 0.3483



16.2351, 0.3281, 0.3402



16.4948, 0.5477, 0.4033



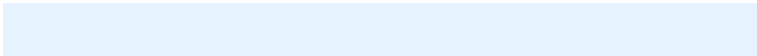
1.4867, 0.5253, 0.4211

Inverse Universe

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



74.2053, 0.3002, 0.3192



87.9892, 0.2971, 0.3168



69.2886, 0.3002, 0.3090



15.8569, 0.2981, 0.3175



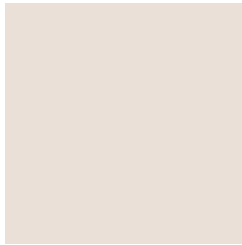
11.5211, 0.1795, 0.1663



1.0972, 0.1863, 0.1905

Previews

White Background



This preview shows how the Yxy color 75.7100, 0.3258, 0.3386 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 75.7100, 0.3258, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

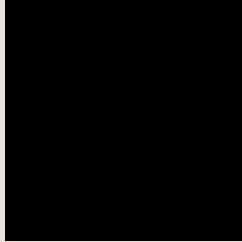
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

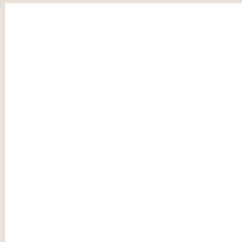
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7100, 0.3258, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 75.7100, 0.3258, 0.3386.

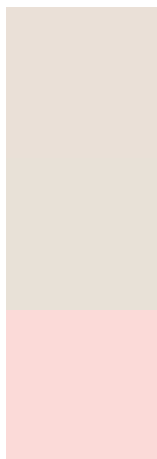


This preview shows how white text looks on a background with the Yxy color 75.7100, 0.3258, 0.3386.

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

75.7100, 0.3258, 0.3386

Protanopia

75.9125, 0.3242, 0.3396

Deuteranopia

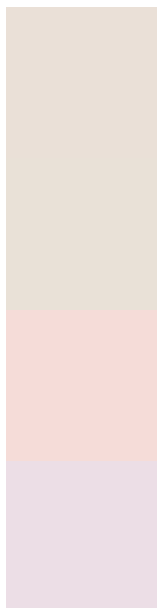
75.6099, 0.3383, 0.3311



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.7100, 0.3258, 0.3386

Protanomaly

76.0804, 0.3250, 0.3396

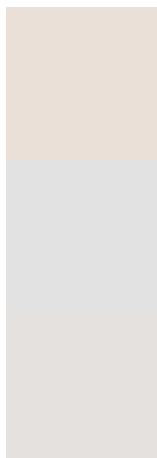
Deuteranomaly

75.5567, 0.3336, 0.3332

Tritanomaly

75.7886, 0.3173, 0.3207

Monochromacy



Original Color

75.7100, 0.3258, 0.3386

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.7824, 0.3175, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7100, 0.3258, 0.3386 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(234, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(234, 224, 215)  
}
```

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(234, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 215) }
```

Border

The CSS property to change the border of an element to Yxy 75.7100, 0.3258, 0.3386 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(234, 224, 215) }
```

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

```
.border{ border-color:rgb(234, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7100, 0.3258, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 215) }
```

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

```
.background{ background-color: rgb(234,  
224, 215) }
```

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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