

Converting Colors

$Y_{xy}(75.3284, 0.3219, 0.3363)$

Have a look what the booklet for
Yxy(75.3284, 0.3219, 0.3363)
contains.

| | |
|---|----|
| Yxy(75.3100, 0.3223, 0.3365) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(75.3100, 0.3223, 0.3365)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E7E0D9 |
| RGB | 231, 224, 217 |
| RGB Percent | 91%, 88%, 85% |
| CMY | 0.0941, 0.1215, 0.1491 |
| CMYK | 0.00, 0.03, 0.06, 0.09 |
| HSL | 30°, 23%, 88% |
| HSV | 30°, 6%, 91% |
| XYZ | 72.1320, 75.3100, 76.3619 |
| YIQ | 225.2950, 6.4190, -0.6930 |

Conversions

Conversions Part 2

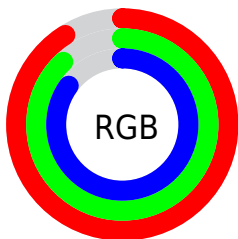
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 231, 231, 217 |
| Decimal | 15196377 |
| CIE Lab | 89.54, 1.17, 4.27 |
| CIE LCh | 90, 4.426, 74.719 |
| Yxy | 75.3100, 0.3223, 0.3365 |
| Android (android.graphics.Color) | 4293386457 (0xFFE7E0D9) |
| YUV | 225.2950, -4.0894, 5.0033 |
| Hunter-Lab | 86.7813, -3.4995, 8.5756 |

Details

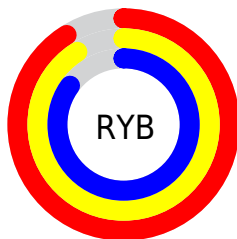
The Yxy color **75.3100, 0.3223, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8106, 0.3034, 0.3214**, and the grayscale version is **75.5457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0985, 0.3243, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **68.2123, 0.3399, 0.3495**, and if you desaturate by 10%, it is **83.0017, 0.3069, 0.3243**.

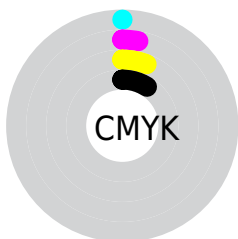
Distribution



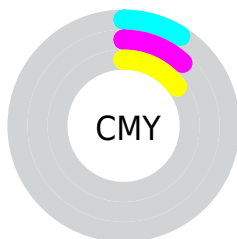
- Red (91%)
- Green (88%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3100, 0.3223, 0.3365 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 75.3100, 0.3223, 0.3365 by changing the saturation by 10% instead.

 75.3100, 0.3223,
0.3365

 75.3100, 0.3223,
0.3365


478.9824, 0.3179,
0.3331

 55.8669, 0.3233,
0.3373


126.7511, 0.3208,
0.3353

 40.0962, 0.3245,
0.3382

159.5178, 0.3202,
0.3349

 27.6136, 0.3261,
0.3395


197.4946, 0.3197,
0.3345

 18.0346, 0.3282,
0.3410

241.0658, 0.3192,
0.3341

 10.9748, 0.3310,
0.3432

290.6158, 0.3188,
0.3338

 6.0499, 0.3350,
0.3462

346.5289, 0.3185,

 2.8754, 0.3413,

0.3335

0.3510

409.1897, 0.3182,
0.3333

■ 1.0671, 0.3530,
0.3599

■ 0.0000, 0.0000,
0.0000

■ 75.3100, 0.3223,
0.3365

■ 75.3100, 0.3223,
0.3365

■ 68.2123, 0.3399,
0.3495

■ 83.0017, 0.3069,
0.3243

■ 61.6837, 0.3599,
0.3630

■ 90.7544, 0.2981,
0.3210

■ 55.7114, 0.3824,
0.3766

■ 95.7289, 0.2982,
0.3290

■ 50.2786, 0.4072,
0.3897

■ 45.3677, 0.4339,
0.4014

■ 40.9594, 0.4616,
0.4105

■ 37.0331, 0.4888,
0.4158

■ 33.5659, 0.5137,
0.4160

■ 30.5312, 0.5348,
0.4106

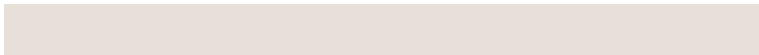
Harmonies

Analogous

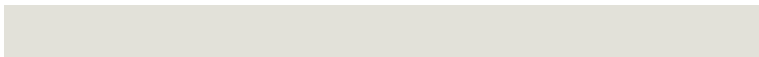
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3100, 0.3230, 0.3329



75.3100, 0.3223, 0.3365



75.3100, 0.3190, 0.3382

Triad

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



75.3100, 0.3223, 0.3365



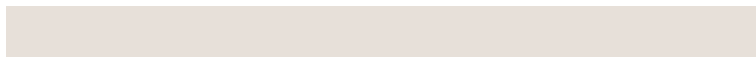
75.3100, 0.3046, 0.3297



75.3100, 0.3113, 0.3209

Complementary

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



75.3100, 0.3223, 0.3365



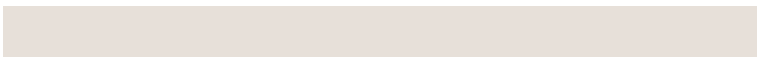
73.8106, 0.3034, 0.3214

Split Complementary

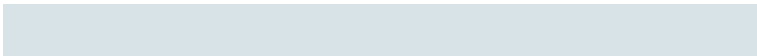
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3100, 0.3064, 0.3200



75.3100, 0.3223, 0.3365



75.3100, 0.3026, 0.3250

Square

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



75.3100, 0.3223, 0.3365



75.3100, 0.3088, 0.3342



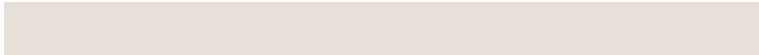
75.3100, 0.3032, 0.3215



75.3100, 0.3166, 0.3239

Rectangle

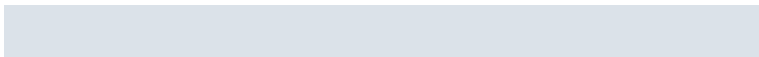
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3100, 0.3223, 0.3365



75.3100, 0.3158, 0.3379



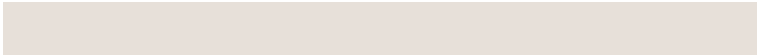
75.3100, 0.3032, 0.3215



75.3100, 0.3096, 0.3203

Sweetspot

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



75.3133, 0.3223, 0.3365



98.0645, 0.3158, 0.3315



71.9828, 0.3181, 0.3216



21.0102, 0.3156, 0.3313



0.0000, 0.0000, 0.0000



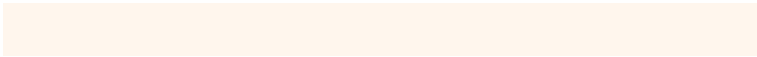
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3133, 0.3223, 0.3365



93.3567, 0.3239, 0.3377



79.1493, 0.3217, 0.3438



15.8490, 0.3248, 0.3384



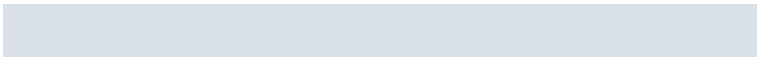
16.7556, 0.5399, 0.4095



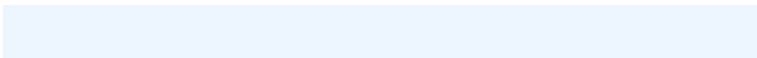
1.4240, 0.5176, 0.4272

Inverse Universe

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



73.8106, 0.3034, 0.3214



91.1912, 0.3019, 0.3201



70.1301, 0.3035, 0.3137



15.4534, 0.3011, 0.3194



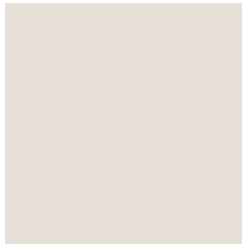
10.3762, 0.1771, 0.1577



0.9525, 0.1845, 0.1842

Previews

White Background



This preview shows how the Yxy color 75.3100, 0.3223, 0.3365 looks on a white background.

Color Contrast Check

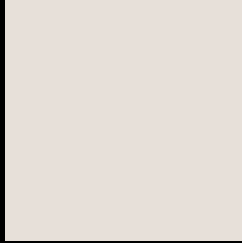
Large Text (above 18pt) WCAG AA × Fail

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 75.3100, 0.3223, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

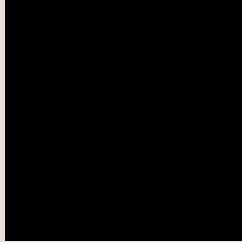
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

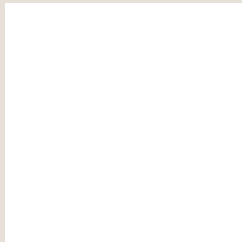
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3100, 0.3223, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 75.3100, 0.3223, 0.3365.

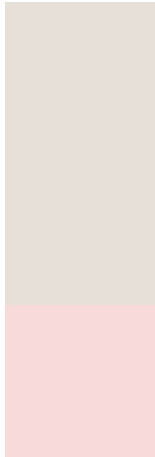


This preview shows how white text looks on a background with the Yxy color 75.3100, 0.3223, 0.3365.

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

75.3100, 0.3223, 0.3365

Protanopia

75.3100, 0.3223, 0.3365

Deuteranopia

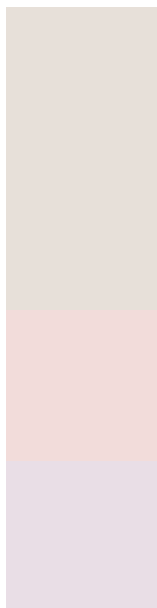
75.3445, 0.3354, 0.3291



Tritanopia

75.3784, 0.3107, 0.3114

Trichromacy



Original Color

75.3100, 0.3223, 0.3365

Protanomaly

75.3100, 0.3223, 0.3365

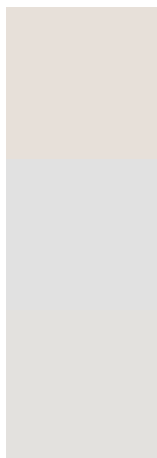
Deuteranomaly

75.1256, 0.3300, 0.3311

Tritanomaly

75.2794, 0.3152, 0.3206

Monochromacy



Original Color

75.3100, 0.3223, 0.3365

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4552, 0.3161, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3100, 0.3223, 0.3365 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(231, 224, 217) looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 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(231, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 217) }
```

Border

The CSS property to change the border of an element to Yxy 75.3100, 0.3223, 0.3365 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(231, 224, 217) }
```

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

```
.border{ border-color:rgb(231, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3100, 0.3223, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 217) }
```

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

```
.background{ background-color: rgb(231,  
224, 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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