

Converting Colors

$Yxy(74.8482, 0.3261, 0.3340)$

Have a look what the booklet for
Yxy(74.8482, 0.3261, 0.3340)
contains.

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Color

Yxy(75.0852, 0.3261, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	ECDED9
RGB	236, 222, 217
RGB Percent	93%, 87%, 85%
CMY	0.0744, 0.1294, 0.1490
CMYK	0.00, 0.06, 0.08, 0.07
HSL	16°, 33%, 89%
HSV	16°, 8%, 93%
XYZ	73.2434, 75.0852, 76.2756
YIQ	225.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

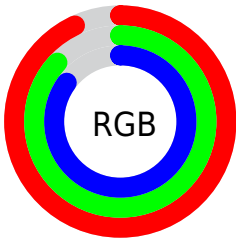
Format	Color
R _Y B	236, 224, 217
Decimal	15523545
CIE Lab	89.43, 3.95, 4.16
CIE LCh	89, 5.733, 46.450
Yxy	75.0852, 0.3261, 0.3343
Android (android.graphics.Color)	4293713625 (0xFFE0DED9)
YUV	225.6160, -4.2477, 9.1068
Hunter-Lab	86.6517, -0.7612, 8.4659

Details

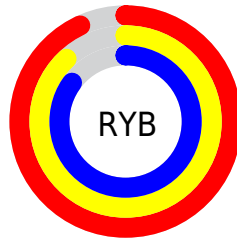
The Yxy color **75.0852, 0.3261, 0.3343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.9751, 0.3003, 0.3236**, and the grayscale version is **75.7914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9494, 0.3293, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **65.1758, 0.3456, 0.3413**, and if you desaturate by 10%, it is **86.1308, 0.3098, 0.3278**.

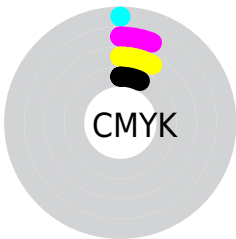
Distribution



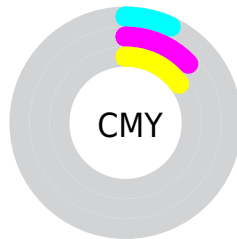
- Red (93%)
- Green (87%)
- Blue (85%)



- Red (93%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0852, 0.3261, 0.3343 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 75.0852, 0.3261, 0.3343 by changing the saturation by 10% instead.


 75.0852, 0.3261,
0.3343

 75.0852, 0.3261,
0.3343


478.2104, 0.3199,
0.3319

 55.6827, 0.3275,
0.3348

126.4330, 0.3240,
0.3335

 39.9486, 0.3293,
0.3355


159.1470, 0.3231,
0.3332

 27.4985, 0.3315,
0.3363


197.0670, 0.3224,
0.3329

 17.9479, 0.3344,
0.3374

240.5774, 0.3218,
0.3326

 10.9126, 0.3383,
0.3388

290.0625, 0.3212,
0.3324

 6.0081, 0.3440,
0.3409

345.9068, 0.3207,

 2.8500, 0.3529,

0.3322

0.3439

408.4946, 0.3203,
0.3321

■ 1.0539, 0.3695,
0.3496

■ 0.0000, 1.0000,
0.0000

■ 75.0852, 0.3261,
0.3343

■ 75.0852, 0.3261,
0.3343

■ 65.1758, 0.3456,
0.3413

■ 86.1308, 0.3098,
0.3278

■ 56.3564, 0.3690,
0.3486

■ 96.5773, 0.3011,
0.3290

■ 48.5922, 0.3965,
0.3559

■ 41.8428, 0.4286,
0.3627

■ 36.0651, 0.4647,
0.3682

■ 31.2128, 0.5035,
0.3714

■ 27.2355, 0.5420,
0.3710

■ 24.0775, 0.5765,
0.3663

■ 21.6736, 0.6029,
0.3576

Harmonies

Analogous

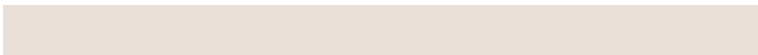
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0852, 0.3236, 0.3284



75.0852, 0.3261, 0.3343



75.0852, 0.3250, 0.3389

Triad

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



75.0852, 0.3261, 0.3343



75.0852, 0.3073, 0.3355



75.0852, 0.3049, 0.3173

Complementary

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



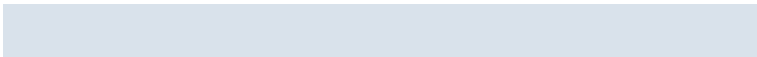
75.0852, 0.3261, 0.3343



77.9751, 0.3003, 0.3236

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.



75.0852, 0.3006, 0.3191



75.0852, 0.3261, 0.3343



75.0852, 0.3020, 0.3295

Square

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



75.0852, 0.3261, 0.3343



75.0852, 0.3141, 0.3397



75.0852, 0.2995, 0.3235



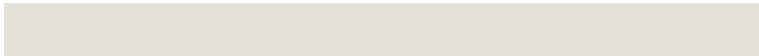
75.0852, 0.3113, 0.3187

Rectangle

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



75.0852, 0.3261, 0.3343



75.0852, 0.3223, 0.3406



75.0852, 0.2995, 0.3235



75.0852, 0.3031, 0.3176

Sweetspot

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



75.0885, 0.3261, 0.3343



97.3004, 0.3159, 0.3303



73.2466, 0.3168, 0.3141



20.8546, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



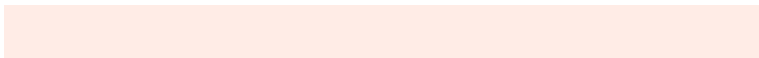
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0885, 0.3261, 0.3343



87.0519, 0.3297, 0.3357



80.1494, 0.3252, 0.3439



15.6977, 0.3286, 0.3353



11.9093, 0.6046, 0.3581



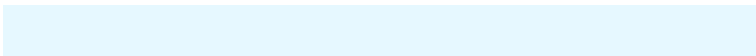
1.0879, 0.5776, 0.3796

Inverse Universe

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



77.9751, 0.3003, 0.3236



91.2792, 0.2972, 0.3223



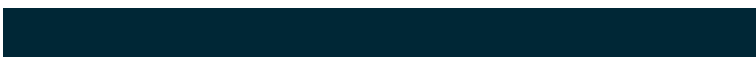
72.9214, 0.3003, 0.3136



16.4131, 0.2981, 0.3227



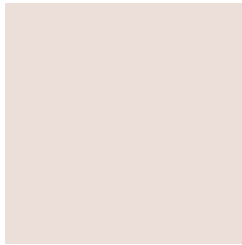
20.2430, 0.2004, 0.2415



1.7447, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 75.0852, 0.3261, 0.3343 looks on a white background.

Color Contrast Check

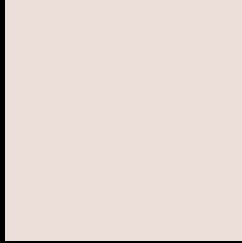
Large Text (above 18pt) WCAG AA × Fail

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 75.0852, 0.3261, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

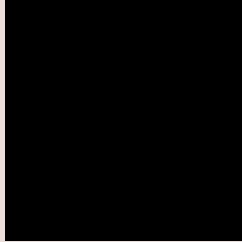
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

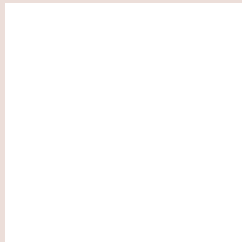
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0852, 0.3261, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 75.0852, 0.3261, 0.3343.

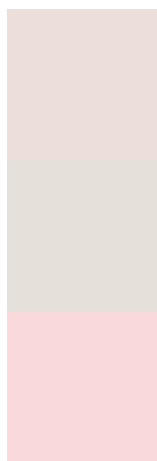


This preview shows how white text looks on a background with the Yxy color 75.0852, 0.3261, 0.3343.

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

75.0852, 0.3261, 0.3343

Protanopia

75.1963, 0.3209, 0.3354

Deuteranopia

74.8274, 0.3355, 0.3280



Tritanopia

75.0699, 0.3157, 0.3115

Trichromacy



Original Color

75.0852, 0.3261, 0.3343

Protanomaly

74.9931, 0.3224, 0.3343

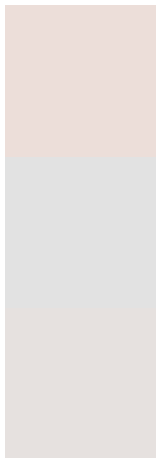
Deuteranomaly

74.9581, 0.3316, 0.3301

Tritanomaly

75.0207, 0.3196, 0.3197

Monochromacy



Original Color

75.0852, 0.3261, 0.3343

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0011, 0.3175, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0852, 0.3261, 0.3343 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(236, 222, 217)` looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 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(236, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 217) }
```

Border

The CSS property to change the border of an element to Yxy 75.0852, 0.3261, 0.3343 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(236, 222, 217) }
```

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

```
.border{ border-color:rgb(236, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(236, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0852, 0.3261, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 217) }
```

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

```
.background{ background-color: rgb(236,  
222, 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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