

Converting Colors

$Y_{xy}(74.4758, 0.3253, 0.3365)$

Have a look what the booklet for
Yxy(74.4758, 0.3253, 0.3365)
contains.

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Color

Yxy(74.4725, 0.3253, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	E9DED7
RGB	233, 222, 215
RGB Percent	91%, 87%, 84%
CMY	0.0862, 0.1294, 0.1570
CMYK	0.00, 0.05, 0.08, 0.09
HSL	23°, 29%, 88%
HSV	23°, 8%, 91%
XYZ	71.9938, 74.4725, 74.8487
YIQ	224.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

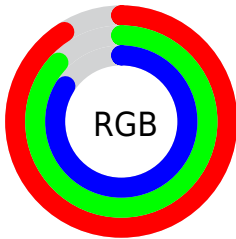
Format	Color
RYB	233, 226, 215
Decimal	15326935
CIELab	89.15, 2.57, 4.77
CIELCh	89, 5.421, 61.728
Yxy	74.4725, 0.3253, 0.3365
Android (android.graphics.Color)	4293517015 (0xFFE9DED7)
YUV	224.4910, -4.6791, 7.4624
Hunter-Lab	86.2975, -2.1067, 8.9840

Details

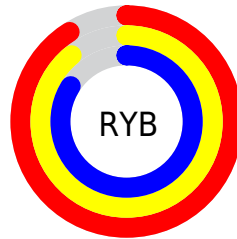
The Yxy color **74.4725, 0.3253, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7163, 0.3008, 0.3214**, and the grayscale version is **74.9430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5226, 0.3282, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **66.1203, 0.3440, 0.3467**, and if you desaturate by 10%, it is **83.6396, 0.3093, 0.3269**.

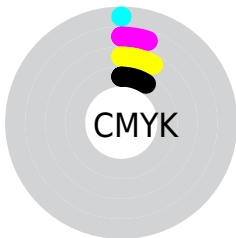
Distribution



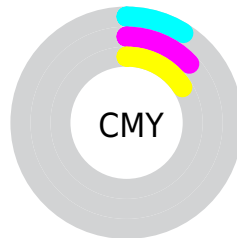
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (91%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (9%)




- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4725, 0.3253, 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 74.4725, 0.3253, 0.3365 by changing the saturation by 10% instead.

 74.4725, 0.3253,
0.3365

 74.4725, 0.3253,
0.3365


476.1025, 0.3195,
0.3331

 55.1809, 0.3266,
0.3373


125.5654, 0.3233,
0.3353

 39.5465, 0.3283,
0.3382

158.1354, 0.3225,
0.3349

 27.1852, 0.3304,
0.3394

195.9003, 0.3218,
0.3345

 17.7123, 0.3331,
0.3410

239.2446, 0.3212,
0.3341

 10.7437, 0.3368,
0.3431

288.5525, 0.3207,
0.3338

 5.8947, 0.3422,
0.3461

344.2086, 0.3203,

 2.7812, 0.3506,

0.3335

0.3508

406.5971, 0.3199,
0.3333

■ 1.0186, 0.3675,
0.3605

■ 0.0000, 0.0000,
0.0000

■ 74.4725, 0.3253,
0.3365

■ 74.4725, 0.3253,
0.3365

■ 66.1203, 0.3440,
0.3467

■ 83.6396, 0.3093,
0.3269

■ 58.5505, 0.3657,
0.3574

■ 93.2029, 0.2993,
0.3245

■ 51.7422, 0.3907,
0.3681

■ 96.0678, 0.2994,
0.3290

■ 45.6702, 0.4189,
0.3783

■ 40.3077, 0.4501,
0.3869

■ 35.6260, 0.4829,
0.3930

■ 31.5940, 0.5156,
0.3950

■ 28.1777, 0.5454,
0.3919

■ 25.3365, 0.5700,
0.3837

Harmonies

Analogous

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



74.4725, 0.3246, 0.3313



74.4725, 0.3253, 0.3365



74.4725, 0.3226, 0.3397

Triad

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



74.4725, 0.3253, 0.3365



74.4725, 0.3047, 0.3324



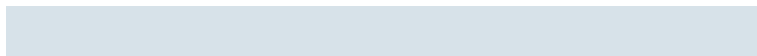
74.4725, 0.3082, 0.3182

Complementary

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



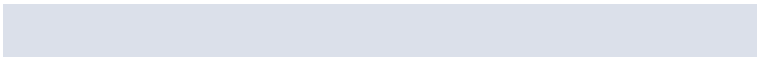
74.4725, 0.3253, 0.3365



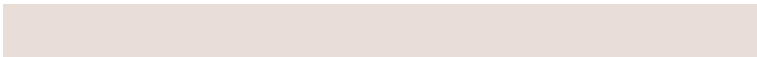
74.7163, 0.3008, 0.3214

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.



74.4725, 0.3029, 0.3184



74.4725, 0.3253, 0.3365



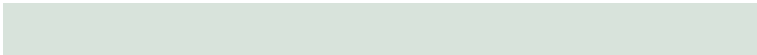
74.4725, 0.3010, 0.3265

Square

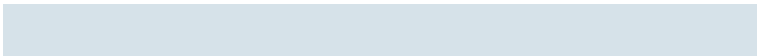
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4725, 0.3253, 0.3365



74.4725, 0.3106, 0.3374



74.4725, 0.3003, 0.3214



74.4725, 0.3147, 0.3209

Rectangle

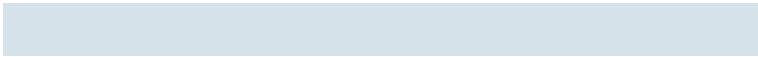
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4725, 0.3253, 0.3365



74.4725, 0.3192, 0.3403



74.4725, 0.3003, 0.3214



74.4725, 0.3062, 0.3179

Sweetspot

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



74.4758, 0.3253, 0.3365



97.7052, 0.3158, 0.3309



71.4100, 0.3183, 0.3173



20.9371, 0.3157, 0.3308



0.0000, 0.0000, 0.0000



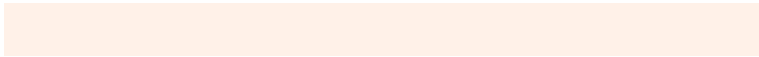
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4758, 0.3253, 0.3365



89.9923, 0.3276, 0.3378



79.3387, 0.3244, 0.3458



16.0161, 0.3283, 0.3382



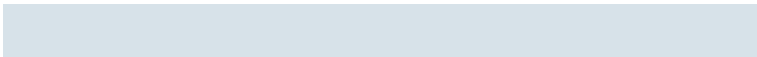
14.2740, 0.5724, 0.3837



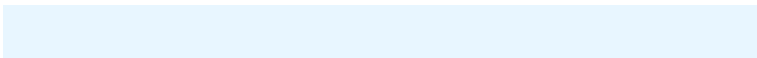
1.3029, 0.5467, 0.4041

Inverse Universe

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



74.7163, 0.3008, 0.3214



90.3336, 0.2987, 0.3200



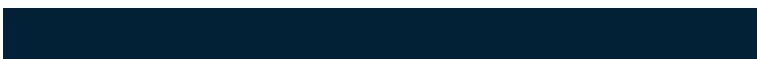
69.9922, 0.3008, 0.3116



16.0798, 0.2981, 0.3196



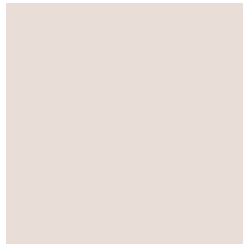
14.6073, 0.1879, 0.1963



1.3330, 0.1935, 0.2166

Previews

White Background



This preview shows how the Yxy color 74.4725, 0.3253, 0.3365 looks on a white background.

Color Contrast Check

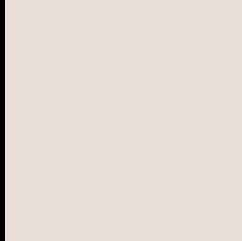
Large Text (above 18pt) WCAG AA × Fail

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 74.4725, 0.3253, 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

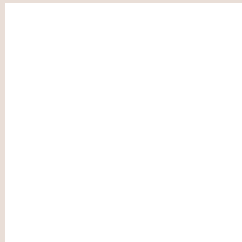
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4725, 0.3253, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 74.4725, 0.3253, 0.3365.

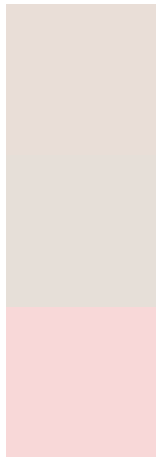


This preview shows how white text looks on a background with the Yxy color 74.4725, 0.3253, 0.3365.

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

74.4725, 0.3253, 0.3365

Protanopia

74.5562, 0.3223, 0.3365

Deuteranopia

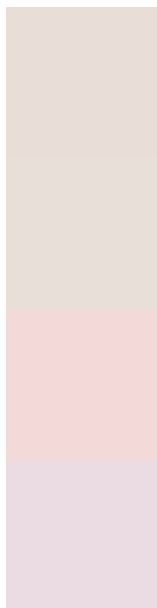
74.0261, 0.3363, 0.3291



Tritanopia

74.5520, 0.3135, 0.3114

Trichromacy



Original Color

74.4725, 0.3253, 0.3365

Protanomaly

74.7221, 0.3230, 0.3365

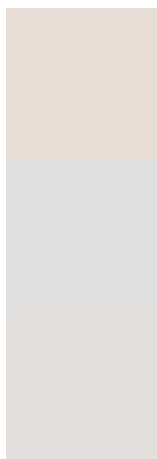
Deuteranomaly

74.1554, 0.3324, 0.3311

Tritanomaly

74.4500, 0.3181, 0.3207

Monochromacy



Original Color

74.4725, 0.3253, 0.3365

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3267, 0.3169, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4725, 0.3253, 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(233, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 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(233, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.4725, 0.3253, 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(233, 222, 215) }
```

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

```
.border{ border-color:rgb(233, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4725, 0.3253, 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(233, 222, 215) }
```

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

```
.background{ background-color: rgb(233,  
222, 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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