

Converting Colors

$Y_{xy}(73.8001, 0.3264, 0.3360)$

Have a look what the booklet for
Yxy(73.8001, 0.3264, 0.3360)
contains.

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Color

Yxy(74.0604, 0.3268, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	EADDD6
RGB	234, 221, 214
RGB Percent	92%, 87%, 84%
CMY	0.0823, 0.1333, 0.1609
CMYK	0.00, 0.06, 0.09, 0.08
HSL	21°, 32%, 88%
HSV	21°, 9%, 92%
XYZ	71.9255, 74.0604, 74.1044
YIQ	224.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

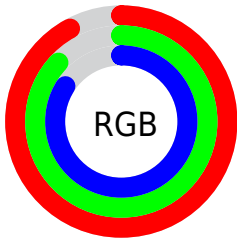
Format	Color
RYB	234, 225, 214
Decimal	15392214
CIELab	88.95, 3.26, 5.03
CIELCh	89, 5.991, 57.024
Yxy	74.0604, 0.3268, 0.3365
Android (android.graphics.Color)	4293582294 (0xFFEADDD6)
YUV	224.0890, -4.9739, 8.6919
Hunter-Lab	86.0584, -1.4161, 9.1865

Details

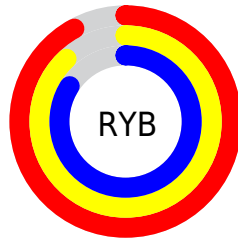
The Yxy color **74.0604, 0.3268, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1613, 0.2995, 0.3214**, and the grayscale version is **74.6409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2406, 0.3302, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **65.2906, 0.3459, 0.3458**, and if you desaturate by 10%, it is **83.7342, 0.3105, 0.3278**.

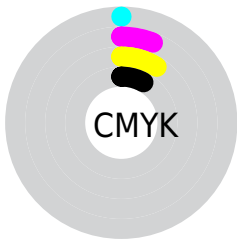
Distribution



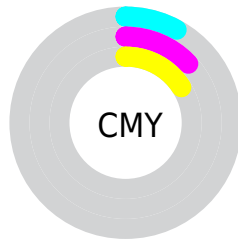
- Red (92%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0604, 0.3268, 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 74.0604, 0.3268, 0.3365 by changing the saturation by 10% instead.

 74.0604, 0.3268,
0.3365

 74.0604, 0.3268,
0.3365

474.6818, 0.3203,
0.3331

 54.8435, 0.3283,
0.3373


124.9814, 0.3245,
0.3353

 39.2764, 0.3301,
0.3382


157.4543, 0.3237,
0.3349

 26.9748, 0.3325,
0.3394


195.1147, 0.3229,
0.3345

 17.5543, 0.3355,
0.3410

238.3468, 0.3222,
0.3341

 10.6305, 0.3397,
0.3431

287.5352, 0.3217,
0.3338

 5.8190, 0.3458,
0.3461

343.0643, 0.3211,

 2.7353, 0.3554,

0.3335

0.3506

405.3183, 0.3207,
0.3333

0.9952, 0.3752,
0.3609

0.0000, 0.0000,
0.0000

74.0604, 0.3268,
0.3365

74.0604, 0.3268,
0.3365

65.2906, 0.3459,
0.3458

83.7342, 0.3105,
0.3278

57.3887, 0.3684,
0.3555

93.9499, 0.2999,
0.3254

50.3302, 0.3944,
0.3651

96.2344, 0.2999,
0.3290

44.0856, 0.4241,
0.3742

■ 38.6240, 0.4569,
0.3818

■ 33.9118, 0.4916,
0.3866

■ 29.9131, 0.5261,
0.3875

■ 26.5878, 0.5572,
0.3834

■ 23.8878, 0.5824,
0.3745

Harmonies

Analogous

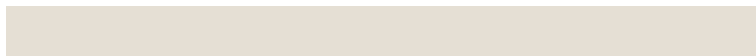
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0604, 0.3255, 0.3306



74.0604, 0.3268, 0.3365



74.0604, 0.3243, 0.3405

Triad

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



74.0604, 0.3268, 0.3365



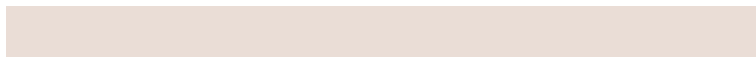
74.0604, 0.3048, 0.3337



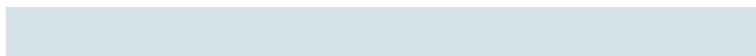
74.0604, 0.3067, 0.3169

Complementary

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



74.0604, 0.3268, 0.3365



75.1613, 0.2995, 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.



74.0604, 0.3012, 0.3176



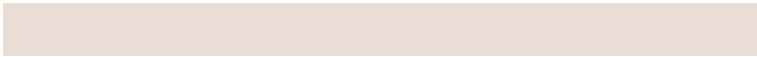
74.0604, 0.3268, 0.3365



74.0604, 0.3001, 0.3272

Square

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



74.0604, 0.3268, 0.3365



74.0604, 0.3116, 0.3390



74.0604, 0.2988, 0.3213



74.0604, 0.3138, 0.3194

Rectangle

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



74.0604, 0.3268, 0.3365



74.0604, 0.3208, 0.3415



74.0604, 0.2988, 0.3213



74.0604, 0.3046, 0.3167

Sweetspot

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



74.0636, 0.3268, 0.3365



96.3895, 0.3174, 0.3316



71.1206, 0.3185, 0.3153



20.4284, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



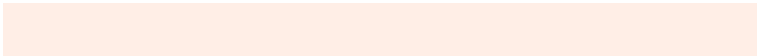
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0636, 0.3268, 0.3365



88.3550, 0.3294, 0.3379



79.5033, 0.3257, 0.3469



15.9186, 0.3284, 0.3373



13.4433, 0.5829, 0.3754



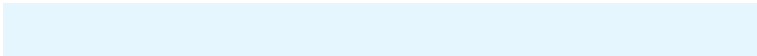
1.2305, 0.5563, 0.3965

Inverse Universe

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



75.1613, 0.2995, 0.3214



89.9040, 0.2972, 0.3200



69.8489, 0.2995, 0.3104



16.1807, 0.2981, 0.3205



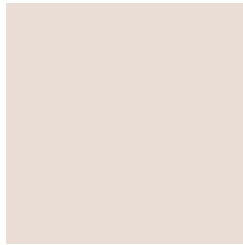
16.1834, 0.1917, 0.2101



1.4502, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 74.0604, 0.3268, 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 74.0604, 0.3268, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

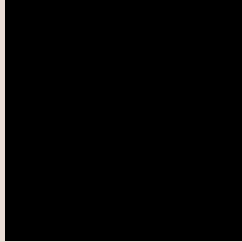
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

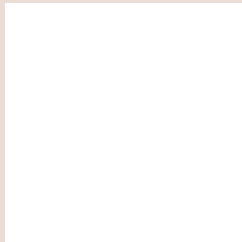
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0604, 0.3268, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 74.0604, 0.3268, 0.3365.

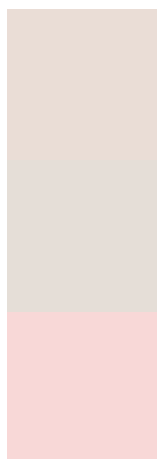


This preview shows how white text looks on a background with the Yxy color 74.0604, 0.3268, 0.3365.

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

74.0604, 0.3268, 0.3365

Protanopia

73.8069, 0.3224, 0.3365

Deuteranopia

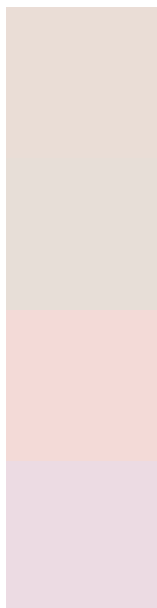
73.9745, 0.3371, 0.3301



Tritanopia

74.1455, 0.3150, 0.3114

Trichromacy



Original Color

74.0604, 0.3268, 0.3365

Protanomaly

74.1378, 0.3238, 0.3365

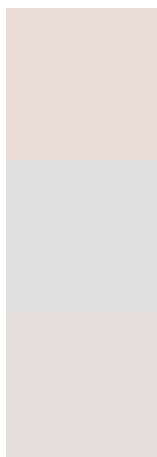
Deuteranomaly

74.1038, 0.3331, 0.3322

Tritanomaly

74.0420, 0.3196, 0.3207

Monochromacy



Original Color

74.0604, 0.3268, 0.3365

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4366, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0604, 0.3268, 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(234, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 214)  
}
```

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, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.0604, 0.3268, 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(234, 221, 214) }
```

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

```
.border{ border-color:rgb(234, 221, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0604, 0.3268, 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(234, 221, 214) }
```

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

```
.background{ background-color: rgb(234,  
221, 214) }
```

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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