

Converting Colors

$Yxy(75.1606, 0.3260, 0.3393)$

Have a look what the booklet for
Yxy(75.1606, 0.3260, 0.3393)
contains.

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Color

Yxy(74.9540, 0.3258, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	E9DFD6
RGB	233, 223, 214
RGB Percent	91%, 87%, 84%
CMY	0.0864, 0.1254, 0.1607
CMYK	0.00, 0.04, 0.08, 0.09
HSL	29°, 30%, 88%
HSV	29°, 8%, 91%
XYZ	72.1205, 74.9540, 74.2899
YIQ	224.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

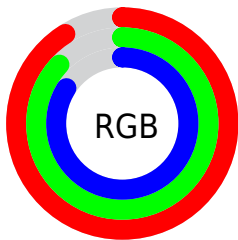
Format	Color
R _Y B	233, 231, 214
Decimal	15327190
CIE Lab	89.37, 1.86, 5.60
CIE LCh	89, 5.905, 71.637
Yxy	74.9540, 0.3258, 0.3386
Android (android.graphics.Color)	4293517270 (0xFFE9DFD6)
YUV	224.9640, -5.4053, 7.0476
Hunter-Lab	86.5760, -2.8118, 9.7271

Details

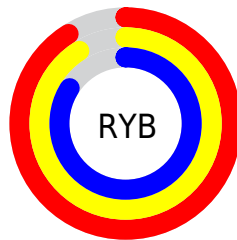
The Yxy color **74.9540, 0.3258, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4643, 0.3002, 0.3192**, and the grayscale version is **75.3015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8556, 0.3289, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **67.5527, 0.3441, 0.3510**, and if you desaturate by 10%, it is **83.0036, 0.3099, 0.3269**.

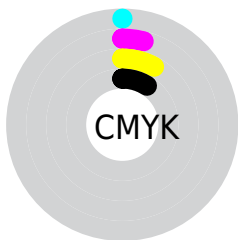
Distribution



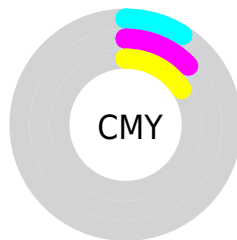
- Red (91%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9540, 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 74.9540, 0.3258, 0.3386 by changing the saturation by 10% instead.

74.9540, 0.3258,
0.3386

74.9540, 0.3258,
0.3386

477.7594, 0.3198,
0.3342

55.5752, 0.3272,
0.3396

126.2472, 0.3237,
0.3371

39.8624, 0.3289,
0.3408

158.9305, 0.3229,
0.3365

27.4313, 0.3310,
0.3424

196.8173, 0.3222,
0.3360

17.8974, 0.3338,
0.3444

240.2922, 0.3216,
0.3355

10.8764, 0.3377,
0.3471

289.7394, 0.3210,
0.3351

5.9838, 0.3432,
0.3510

345.5434, 0.3206,

2.8352, 0.3519,

0.3348

0.3570

408.0887, 0.3201,
0.3345

1.0463, 0.3696,
0.3697

0.0000, 0.0000,
0.0000

74.9540, 0.3258,
0.3386

74.9540, 0.3258,
0.3386

67.5527, 0.3441,
0.3510

83.0036, 0.3099,
0.3269

60.7727, 0.3649,
0.3639

91.3421, 0.2993,
0.3215

54.5996, 0.3884,
0.3769

96.0570, 0.2993,
0.3290

49.0143, 0.4144,
0.3892

■ 43.9969, 0.4424,
0.3998

■ 39.5257, 0.4712,
0.4077

■ 35.5775, 0.4995,
0.4113

■ 32.1262, 0.5250,
0.4098

■ 29.1398, 0.5464,
0.4029

Harmonies

Analogous

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



74.9540, 0.3263, 0.3335



74.9540, 0.3258, 0.3386



74.9540, 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.



74.9540, 0.3258, 0.3386



74.9540, 0.3024, 0.3306



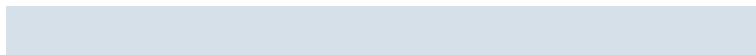
74.9540, 0.3101, 0.3179

Complementary

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



74.9540, 0.3258, 0.3386



73.4643, 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.



74.9540, 0.3037, 0.3170



74.9540, 0.3258, 0.3386



74.9540, 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.



74.9540, 0.3258, 0.3386



74.9540, 0.3082, 0.3365



74.9540, 0.2998, 0.3193



74.9540, 0.3172, 0.3217

Rectangle

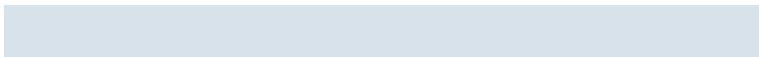
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9540, 0.3258, 0.3386



74.9540, 0.3176, 0.3411



74.9540, 0.2998, 0.3193



74.9540, 0.3078, 0.3173

Sweetspot

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



74.9573, 0.3258, 0.3386



97.9805, 0.3158, 0.3313



70.8030, 0.3197, 0.3183



20.9931, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



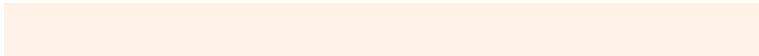
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9573, 0.3258, 0.3386



90.2240, 0.3291, 0.3409



80.0712, 0.3248, 0.3483



16.2351, 0.3281, 0.3402



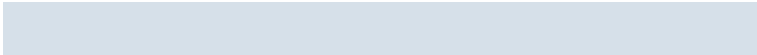
16.4948, 0.5477, 0.4033



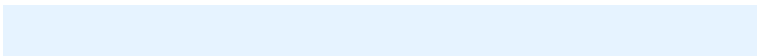
1.4867, 0.5253, 0.4211

Inverse Universe

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



73.4643, 0.3002, 0.3192



87.9892, 0.2971, 0.3168



68.5968, 0.3002, 0.3090



15.8569, 0.2981, 0.3175



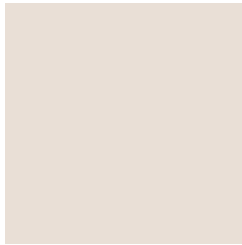
11.5211, 0.1795, 0.1663



1.0972, 0.1863, 0.1905

Previews

White Background



This preview shows how the Yxy color 74.9540, 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 74.9540, 0.3258, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

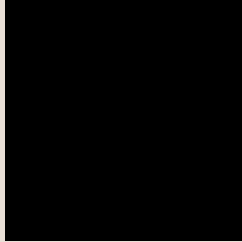
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

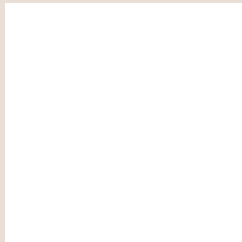
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9540, 0.3258, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 74.9540, 0.3258, 0.3386.

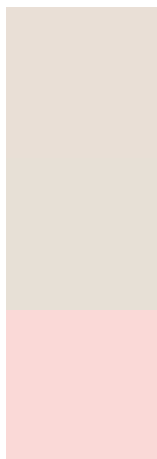


This preview shows how white text looks on a background with the Yxy color 74.9540, 0.3258, 0.3386.

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

74.9540, 0.3258, 0.3386

Protanopia

75.1553, 0.3243, 0.3397

Deuteranopia

74.8560, 0.3384, 0.3311



Tritanopia

75.1337, 0.3128, 0.3114

Trichromacy



Original Color

74.9540, 0.3258, 0.3386

Protanomaly

75.3222, 0.3250, 0.3397

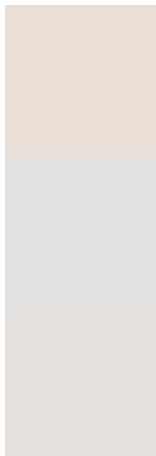
Deuteranomaly

74.8024, 0.3337, 0.3332

Tritanomaly

75.0322, 0.3174, 0.3207

Monochromacy



Original Color

74.9540, 0.3258, 0.3386

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0257, 0.3175, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9540, 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(233, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(233, 223, 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(233, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.9540, 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(233, 223, 214) }
```

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

```
.border{ border-color:rgb(233, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 223,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9540, 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(233, 223, 214) }
```

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

```
.background{ background-color: rgb(233,  
223, 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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