

Converting Colors

Yxy(75.3041, 0.3162, 0.3146)

Have a look what the booklet for
Yxy(75.3041, 0.3162, 0.3146)
contains.

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Color

Yxy(75.3041, 0.3162, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	EEDCEA
RGB	238, 220, 234
RGB Percent	93%, 86%, 92%
CMY	0.0669, 0.1371, 0.0824
CMYK	0.00, 0.08, 0.02, 0.07
HSL	313°, 34%, 90%
HSV	313°, 8%, 93%
XYZ	75.6871, 75.3041, 88.3734
YIQ	226.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

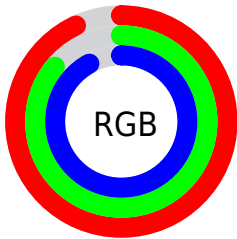
Format	Color
R _Y B	238, 220, 234
Decimal	15654122
CIE Lab	89.54, 8.55, -4.60
CIE LCh	90, 9.711, 331.712
Yxy	75.3041, 0.3162, 0.3146
Android (android.graphics.Color)	4293844202 (0xFFEEDCEA)
YUV	226.9780, 3.4618, 9.6663
Hunter-Lab	86.7779, 3.8250, 0.3645

Details

The Yxy color **75.3041, 0.3162, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7157, 0.3094, 0.3438**, and the grayscale version is **76.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0697, 0.3172, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **63.3940, 0.3215, 0.2948**, and if you desaturate by 10%, it is **89.0073, 0.3117, 0.3336**.

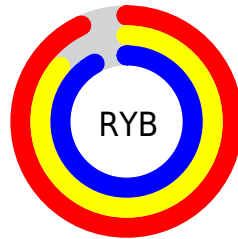
Distribution



Red (93%)

Green (86%)

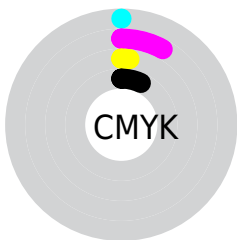
Blue (92%)



Red (93%)

Yellow (86%)

Blue (92%)

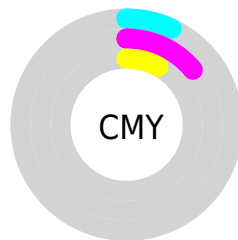


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (7%)



Cyan (7%)


Magenta (14%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3041, 0.3162, 0.3146 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 75.3041, 0.3162, 0.3146 by changing the saturation by 10% instead.

 75.3041, 0.3162,
0.3146

 75.3041, 0.3162,
0.3146


478.9621, 0.3146,
0.3212

 55.8621, 0.3165,
0.3131


126.7427, 0.3157,
0.3169

 40.0923, 0.3170,
0.3113


159.5081, 0.3155,
0.3177

 27.6105, 0.3175,
0.3090


197.4834, 0.3153,
0.3185

 18.0323, 0.3182,
0.3061

241.0530, 0.3151,
0.3192

 10.9732, 0.3191,
0.3022

290.6012, 0.3150,
0.3198

 6.0488, 0.3203,
0.2966

346.5126, 0.3148,

 2.8748, 0.3222,

0.3203

0.2880

409.1714, 0.3147,
0.3207

■ 1.0667, 0.3253,
0.2735

■ 0.0000, 0.3756,
0.0000

■ 75.3041, 0.3162,
0.3146

■ 75.3041, 0.3162,
0.3146

■ 63.3940, 0.3215,
0.2948

■ 89.0073, 0.3117,
0.3336

■ 53.1924, 0.3276,
0.2746

■ 96.2489, 0.3082,
0.3394

■ 44.6226, 0.3345,
0.2546

■ 96.5738, 0.3052,
0.3341

■ 37.5981, 0.3422,
0.2358

■ 96.9069, 0.3023,
0.3290

■ 32.0243, 0.3505,
0.2190

■ 27.7964, 0.3592,
0.2053

■ 24.7953, 0.3681,
0.1957

■ 22.8811, 0.3769,
0.1908

■ 21.8678, 0.3853,
0.1905

Harmonies

Analogous

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



75.3041, 0.3046, 0.3099



75.3041, 0.3162, 0.3146



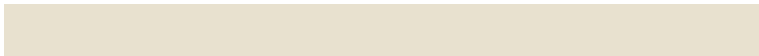
75.3041, 0.3270, 0.3230

Triad

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



75.3041, 0.3162, 0.3146



75.3041, 0.3303, 0.3481



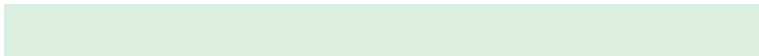
75.3041, 0.2918, 0.3244

Complementary

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



75.3041, 0.3162, 0.3146



81.7157, 0.3094, 0.3438

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.



75.3041, 0.2985, 0.3350



75.3041, 0.3162, 0.3146



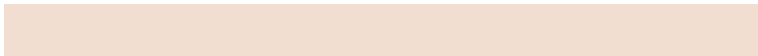
75.3041, 0.3206, 0.3489

Square

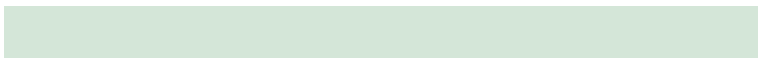
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3041, 0.3162, 0.3146



75.3041, 0.3352, 0.3422



75.3041, 0.3090, 0.3441



75.3041, 0.2907, 0.3153

Rectangle

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



75.3041, 0.3162, 0.3146



75.3041, 0.3323, 0.3296



75.3041, 0.3090, 0.3441



75.3041, 0.2935, 0.3279

Sweetspot

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



75.3074, 0.3162, 0.3146



96.7167, 0.3136, 0.3252



73.2033, 0.3038, 0.3100



20.7357, 0.3136, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

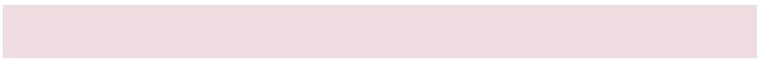
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3074, 0.3162, 0.3146



85.8990, 0.3169, 0.3117



74.8097, 0.3222, 0.3237



15.9681, 0.3172, 0.3108



12.1250, 0.3861, 0.1901



1.0233, 0.3758, 0.1844

Inverse Universe

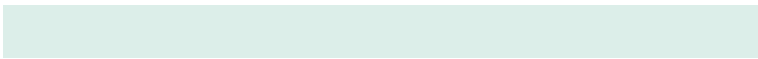
The Inverse Universe completely reimagines the original color for something new.



75.3074, 0.3162, 0.3146



85.8990, 0.3169, 0.3117



82.2101, 0.3041, 0.3343



15.9681, 0.3172, 0.3108



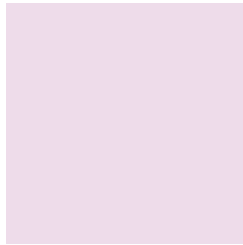
12.1250, 0.3861, 0.1901



1.0233, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 75.3041, 0.3162, 0.3146 looks on a white background.

Color Contrast Check

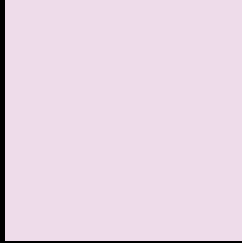
Large Text (above 18pt) WCAG AA × Fail

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 75.3041, 0.3162, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

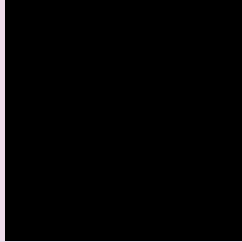
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

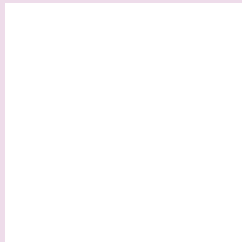
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3041, 0.3162, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 75.3041, 0.3162, 0.3146.

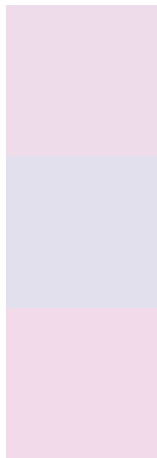


This preview shows how white text looks on a background with the Yxy color 75.3041, 0.3162, 0.3146.

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

75.3041, 0.3162, 0.3146

Protanopia

75.5362, 0.3064, 0.3163

Deuteranopia

75.1380, 0.3199, 0.3127



Tritanopia

75.4780, 0.3142, 0.3115

Trichromacy



Original Color

75.3041, 0.3162, 0.3146

Protanomaly

75.5965, 0.3098, 0.3164

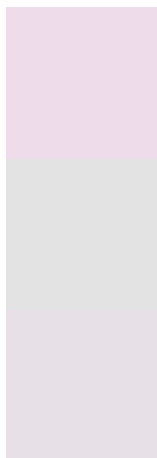
Deuteranomaly

75.3043, 0.3184, 0.3136

Tritanomaly

75.4197, 0.3149, 0.3125

Monochromacy



Original Color

75.3041, 0.3162, 0.3146

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0134, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3041, 0.3162, 0.3146 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(238, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 234)  
}
```

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(238, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.3041, 0.3162, 0.3146 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(238, 220, 234) }
```

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

```
.border{ border-color:rgb(238, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3041, 0.3162, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 234) }
```

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

```
.background{ background-color: rgb(238,  
220, 234) }
```

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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