

Converting Colors

$Yxy(75.0697, 0.3164, 0.3158)$

Have a look what the booklet for
Yxy(75.0697, 0.3164, 0.3158)
contains.

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Color

Yxy(75.0741, 0.3162, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	EDDCE9
RGB	237, 220, 233
RGB Percent	93%, 86%, 91%
CMY	0.0704, 0.1373, 0.0862
CMYK	0.00, 0.07, 0.02, 0.07
HSL	314°, 32%, 90%
HSV	314°, 7%, 93%
XYZ	75.2407, 75.0741, 87.6380
YIQ	226.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

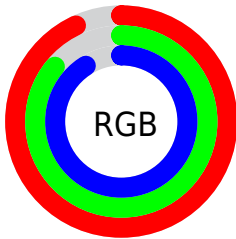
Format	Color
R _Y B	237, 220, 233
Decimal	15588585
CIE Lab	89.43, 8.10, -4.27
CIE LCh	89, 9.158, 332.217
Yxy	75.0741, 0.3162, 0.3155
Android (android.graphics.Color)	4293778665 (0xFFEDDCE9)
YUV	226.5650, 3.1725, 9.1515
Hunter-Lab	86.6453, 3.3757, 0.6824

Details

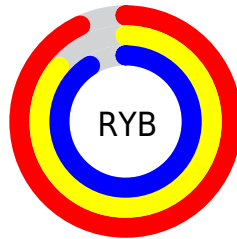
The Yxy color **75.0741, 0.3162, 0.3155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1908, 0.3094, 0.3429**, and the grayscale version is **76.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9083, 0.3172, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **63.1912, 0.3217, 0.2961**, and if you desaturate by 10%, it is **88.7378, 0.3115, 0.3341**.

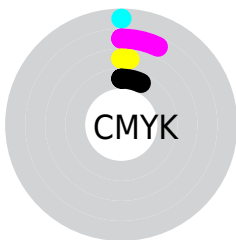
Distribution



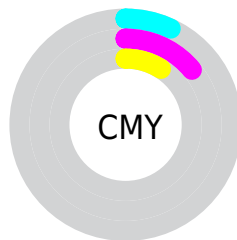
- Red (93%)
- Green (86%)
- Blue (91%)



- Red (93%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0741, 0.3162, 0.3155 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 75.0741, 0.3162, 0.3155 by changing the saturation by 10% instead.


 75.0741, 0.3162,
0.3155

 75.0741, 0.3162,
0.3155


478.1722, 0.3146,
0.3217

 55.6736, 0.3165,
0.3141

126.4172, 0.3157,
0.3176

 39.9413, 0.3170,
0.3124


159.1287, 0.3155,
0.3184

 27.4928, 0.3175,
0.3103


197.0459, 0.3153,
0.3192

 17.9437, 0.3182,
0.3075

240.5533, 0.3151,
0.3198

 10.9095, 0.3191,
0.3038

290.0352, 0.3150,
0.3203

 6.0060, 0.3204,
0.2985

345.8760, 0.3148,

 2.8488, 0.3223,

0.3208

0.2904

408.4603, 0.3147,
0.3213

■ 1.0533, 0.3256,
0.2765

■ 0.0000, 0.3748,
0.0000

■ 75.0741, 0.3162,
0.3155

■ 75.0741, 0.3162,
0.3155

■ 63.1912, 0.3217,
0.2961

■ 88.7378, 0.3115,
0.3341

■ 53.0052, 0.3281,
0.2762

■ 96.0757, 0.3078,
0.3397

■ 44.4405, 0.3354,
0.2566

■ 96.4201, 0.3047,
0.3341

■ 37.4113, 0.3435,
0.2379

■ 96.7525, 0.3018,
0.3290

■ 31.8245, 0.3524,
0.2213

■ 27.5765, 0.3617,
0.2077

■ 24.5498, 0.3713,
0.1982

■ 22.6068, 0.3808,
0.1933

■ 21.5679, 0.3899,
0.1931

Harmonies

Analogous

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



75.0741, 0.3052, 0.3110



75.0741, 0.3162, 0.3155



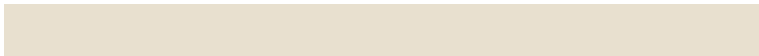
75.0741, 0.3264, 0.3235

Triad

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



75.0741, 0.3162, 0.3155



75.0741, 0.3292, 0.3471



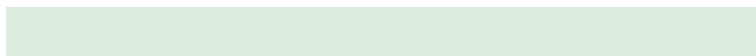
75.0741, 0.2929, 0.3245

Complementary

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



75.0741, 0.3162, 0.3155



81.1908, 0.3094, 0.3429

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.



75.0741, 0.2991, 0.3345



75.0741, 0.3162, 0.3155



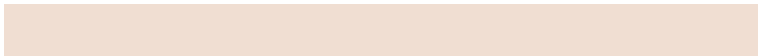
75.0741, 0.3200, 0.3478

Square

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



75.0741, 0.3162, 0.3155



75.0741, 0.3339, 0.3416



75.0741, 0.3090, 0.3431



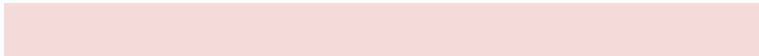
75.0741, 0.2919, 0.3160

Rectangle

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



75.0741, 0.3162, 0.3155



75.0741, 0.3313, 0.3298



75.0741, 0.3090, 0.3431



75.0741, 0.2945, 0.3278

Sweetspot

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



75.0774, 0.3162, 0.3155



96.7120, 0.3136, 0.3253



73.1392, 0.3044, 0.3109



20.7348, 0.3136, 0.3255



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.



75.0774, 0.3162, 0.3155



85.8783, 0.3172, 0.3120



74.6034, 0.3219, 0.3243



15.2496, 0.3174, 0.3112



11.6774, 0.3910, 0.1928



0.9316, 0.3792, 0.1863

Inverse Universe

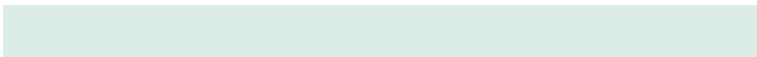
The Inverse Universe completely reimagines the original color for something new.



75.0774, 0.3162, 0.3155



85.8783, 0.3172, 0.3120



81.6633, 0.3043, 0.3338



15.2496, 0.3174, 0.3112



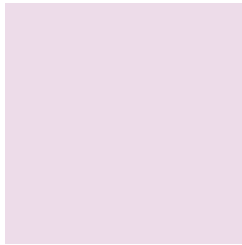
11.6774, 0.3910, 0.1928



0.9316, 0.3792, 0.1863

Previews

White Background



This preview shows how the Yxy color 75.0741, 0.3162, 0.3155 looks on a white background.

Color Contrast Check

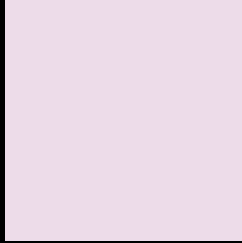
Large Text (above 18pt) WCAG AA × Fail

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 75.0741, 0.3162, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

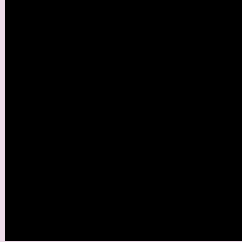
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

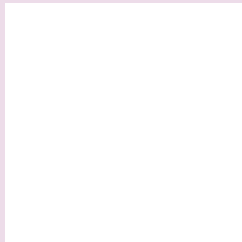
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0741, 0.3162, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 75.0741, 0.3162, 0.3155.

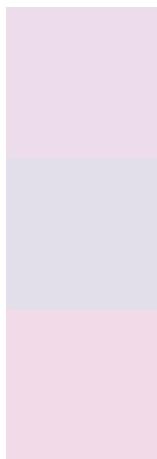


This preview shows how white text looks on a background with the Yxy color 75.0741, 0.3162, 0.3155.

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

75.0741, 0.3162, 0.3155

Protanopia

74.9423, 0.3071, 0.3163

Deuteranopia

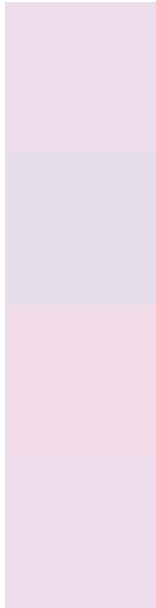
75.0807, 0.3206, 0.3137



Tritanopia

74.9546, 0.3143, 0.3105

Trichromacy



Original Color

75.0741, 0.3162, 0.3155

Protanomaly

75.0061, 0.3105, 0.3164

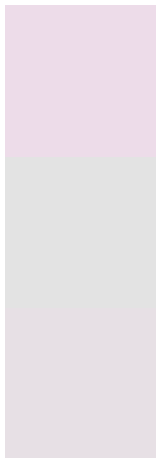
Deuteranomaly

75.2470, 0.3191, 0.3146

Tritanomaly

74.8963, 0.3150, 0.3115

Monochromacy



Original Color

75.0741, 0.3162, 0.3155

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9574, 0.3144, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0741, 0.3162, 0.3155 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(237, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 233)  
}
```

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(237, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.0741, 0.3162, 0.3155 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(237, 220, 233) }
```

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

```
.border{ border-color:rgb(237, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
233) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.0741, 0.3162, 0.3155$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 233) }
```

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

```
.background{ background-color: rgb(237,  
220, 233) }
```

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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