

Converting Colors

$Yxy(74.7668, 0.3158, 0.3261)$

Have a look what the booklet for
Yxy(74.7668, 0.3158, 0.3261)
contains.

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Color

Yxy(75.0346, 0.3163, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E6DFE1
RGB	230, 223, 225
RGB Percent	90%, 87%, 88%
CMY	0.0982, 0.1254, 0.1176
CMYK	0.00, 0.03, 0.02, 0.10
HSL	343°, 12%, 89%
HSV	343°, 3%, 90%
XYZ	72.6015, 75.0346, 81.8977
YIQ	225.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

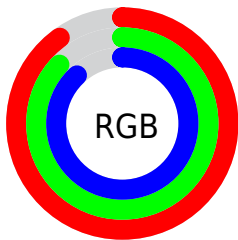
Format	Color
R_{YB}	230, 223, 225
Decimal	15130593
CIE Lab	89.41, 2.71, -0.15
CIE LCh	89, 2.713, 356.905
Yxy	75.0346, 0.3163, 0.3269
Android (android.graphics.Color)	4293320673 (0xFFE6DFE1)
YUV	225.3210, -0.1583, 4.1035
Hunter-Lab	86.6225, -1.9819, 4.5798

Details

The Yxy color **75.0346, 0.3163, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8592, 0.3093, 0.3311**, and the grayscale version is **75.5356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0215, 0.3174, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **62.7196, 0.3299, 0.3196**, and if you desaturate by 10%, it is **89.1108, 0.3052, 0.3337**.

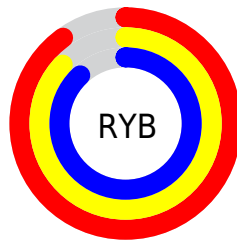
Distribution



Red (90%)

Green (87%)

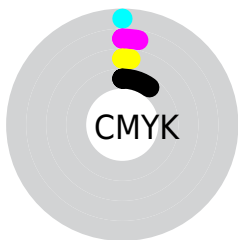
Blue (88%)



Red (90%)

Yellow (87%)

Blue (88%)

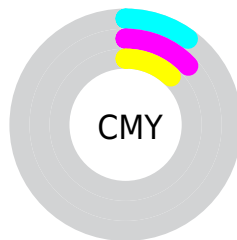


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0346, 0.3163, 0.3269 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 75.0346, 0.3163, 0.3269 by changing the saturation by 10% instead.

■ 75.0346, 0.3163,
0.3269

■ 75.0346, 0.3163,
0.3269

478.0365, 0.3147,
0.3279

■ 55.6412, 0.3167,
0.3267

126.3613, 0.3157,
0.3272

■ 39.9154, 0.3171,
0.3264

159.0635, 0.3155,
0.3274

■ 27.4726, 0.3177,
0.3261

196.9707, 0.3153,
0.3275

■ 17.9284, 0.3185,
0.3256

240.4674, 0.3152,
0.3276

■ 10.8986, 0.3195,
0.3250

289.9379, 0.3150,
0.3277

■ 5.9987, 0.3210,
0.3241

345.7667, 0.3149,

■ 2.8443, 0.3234,

0.3277

0.3227

408.3381, 0.3148,
0.3278

1.0510, 0.3275,
0.3203

0.0000, 1.0000,
0.0000

75.0346, 0.3163,
0.3269

75.0346, 0.3163,
0.3269

62.7196, 0.3299,
0.3196

89.1108, 0.3052,
0.3337

52.0868, 0.3467,
0.3119

95.5556, 0.2975,
0.3290

43.0657, 0.3672,
0.3041

35.5769, 0.3920,
0.2965

■ 29.5343, 0.4214,
0.2898

■ 24.8435, 0.4551,
0.2849

■ 21.3982, 0.4919,
0.2831

■ 19.0764, 0.5292,
0.2855

■ 17.7308, 0.5635,
0.2925

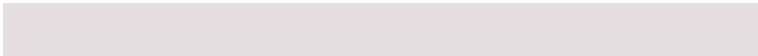
Harmonies

Analogous

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



75.0346, 0.3132, 0.3246



75.0346, 0.3163, 0.3269



75.0346, 0.3184, 0.3297

Triad

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



75.0346, 0.3163, 0.3269



75.0346, 0.3154, 0.3346



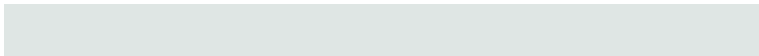
75.0346, 0.3064, 0.3256

Complementary

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



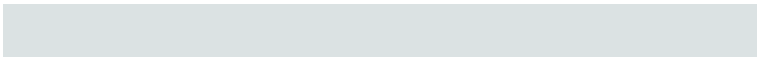
75.0346, 0.3163, 0.3269



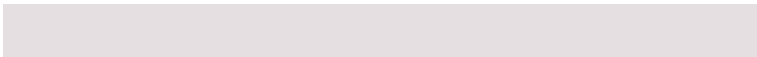
77.8592, 0.3093, 0.3311

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.



75.0346, 0.3070, 0.3283



75.0346, 0.3163, 0.3269



75.0346, 0.3122, 0.3335

Square

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



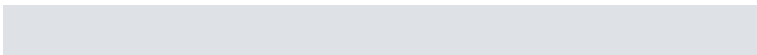
75.0346, 0.3163, 0.3269



75.0346, 0.3180, 0.3342



75.0346, 0.3092, 0.3312



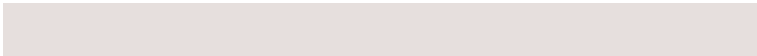
75.0346, 0.3075, 0.3239

Rectangle

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



75.0346, 0.3163, 0.3269



75.0346, 0.3190, 0.3316



75.0346, 0.3092, 0.3312



75.0346, 0.3065, 0.3264

Sweetspot

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



75.0378, 0.3163, 0.3269



98.2673, 0.3139, 0.3283



74.9695, 0.3116, 0.3217



21.0515, 0.3138, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

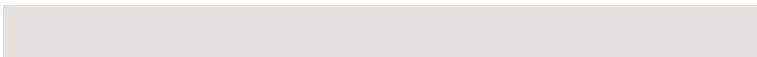
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0378, 0.3163, 0.3269



93.2044, 0.3175, 0.3262



75.6742, 0.3175, 0.3305



15.7081, 0.3184, 0.3257



9.7656, 0.5801, 0.2969



0.7373, 0.5384, 0.2740

Inverse Universe

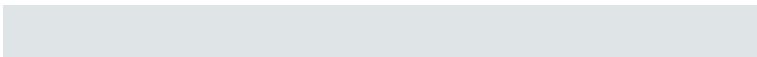
The Inverse Universe completely reimagines the original color for something new.



75.0378, 0.3163, 0.3269



93.2044, 0.3175, 0.3262



77.2016, 0.3081, 0.3275



15.7081, 0.3184, 0.3257



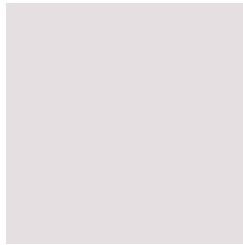
9.7656, 0.5801, 0.2969



0.7373, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 75.0346, 0.3163, 0.3269 looks on a white background.

Color Contrast Check

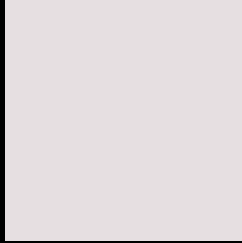
Large Text (above 18pt) WCAG AA × Fail

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 75.0346, 0.3163, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

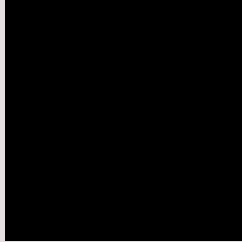
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

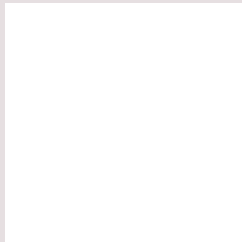
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0346, 0.3163, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 75.0346, 0.3163, 0.3269.

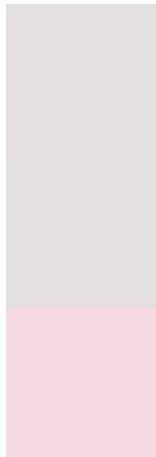


This preview shows how white text looks on a background with the Yxy color 75.0346, 0.3163, 0.3269.

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

75.0346, 0.3163, 0.3269

Protanopia

75.2415, 0.3149, 0.3279

Deuteranopia

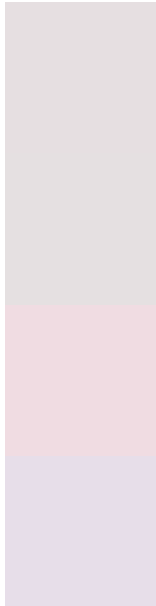
75.2266, 0.3276, 0.3209



Tritanopia

75.0418, 0.3093, 0.3113

Trichromacy



Original Color

75.0346, 0.3163, 0.3269

Protanomaly

75.4056, 0.3156, 0.3280

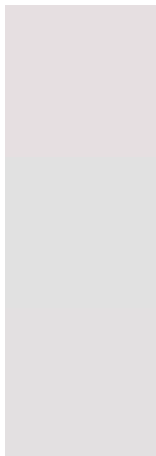
Deuteranomaly

75.2027, 0.3230, 0.3228

Tritanomaly

75.1147, 0.3119, 0.3175

Monochromacy



Original Color

75.0346, 0.3163, 0.3269

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0784, 0.3142, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0346, 0.3163, 0.3269 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(230, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 225)  
}
```

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(230, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.0346, 0.3163, 0.3269 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(230, 223, 225) }
```

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

```
.border{ border-color:rgb(230, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0346, 0.3163, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 225) }
```

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

```
.background{ background-color: rgb(230,  
223, 225) }
```

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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