

Converting Colors

$Yxy(75.2058, 0.3079, 0.3116)$

Have a look what the booklet for
Yxy(75.2058, 0.3079, 0.3116)
contains.

Yxy(75.2386, 0.3079, 0.3123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.2386, 0.3079, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	E6DEEE
RGB	230, 222, 238
RGB Percent	90%, 87%, 93%
CMY	0.0982, 0.1293, 0.0667
CMYK	0.03, 0.07, 0.00, 0.07
HSL	270°, 32%, 90%
HSV	270°, 7%, 93%
XYZ	74.1786, 75.2386, 91.5005
YIQ	226.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

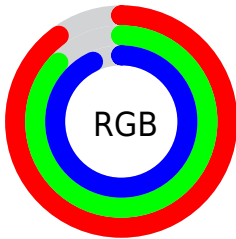
Format	Color
R _Y B	230, 222, 238
Decimal	15130350
CIE Lab	89.50, 5.58, -6.83
CIE LCh	90, 8.822, 309.266
Yxy	75.2386, 0.3079, 0.3123
Android (android.graphics.Color)	4293320430 (0xFFE6DEEE)
YUV	226.2160, 5.8095, 3.3186
Hunter-Lab	86.7402, 0.8545, -1.8257

Details

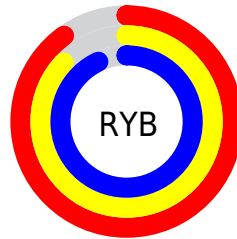
The Yxy color **75.2386, 0.3079, 0.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.2549, 0.3173, 0.3457**, and the grayscale version is **76.1740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0135, 0.3064, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **61.5665, 0.2997, 0.2857**, and if you desaturate by 10%, it is **90.8375, 0.3149, 0.3368**.

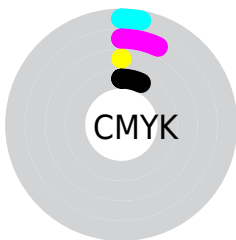
Distribution



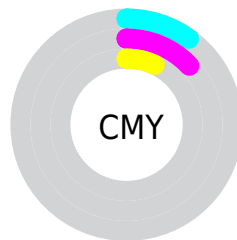
- Red (90%)
- Green (87%)
- Blue (93%)



- Red (90%)
- Yellow (87%)
- Blue (93%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2386, 0.3079, 0.3123 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 75.2386, 0.3079, 0.3123 by changing the saturation by 10% instead.

75.2386, 0.3079,
0.3123

75.2386, 0.3079,
0.3123

478.7373, 0.3102,
0.3199

55.8084, 0.3074,
0.3106

126.6501, 0.3087,
0.3149

40.0493, 0.3067,
0.3085

159.4001, 0.3090,
0.3159

27.5770, 0.3059,
0.3058

197.3588, 0.3093,
0.3168

18.0070, 0.3048,
0.3024

240.9107, 0.3095,
0.3176

10.9550, 0.3034,
0.2978

290.4401, 0.3097,
0.3183

6.0366, 0.3012,
0.2913

346.3314, 0.3099,

2.8674, 0.2978,

0.3189

0.2814

408.9690, 0.3100,
0.3194

■ 1.0629, 0.2916,
0.2644

■ 0.0000, 0.1677,
0.0000

■ 75.2386, 0.3079,
0.3123

■ 75.2386, 0.3079,
0.3123

■ 61.5665, 0.2997,
0.2857

■ 90.8375, 0.3149,
0.3368

■ 49.7345, 0.2902,
0.2572

■ 98.7430, 0.3219,
0.3454

■ 39.6633, 0.2794,
0.2275

■ 98.9530, 0.3226,
0.3454

■ 31.2644, 0.2674,
0.1975

■ 24.4408, 0.2545,
0.1686

■ 19.0856, 0.2411,
0.1421

■ 15.0780, 0.2278,
0.1196

■ 12.2767, 0.2151,
0.1023

■ 10.5034, 0.2038,
0.0907

Harmonies

Analogous

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



75.2386, 0.2987, 0.3113



75.2386, 0.3079, 0.3123



75.2386, 0.3186, 0.3176

Triad

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



75.2386, 0.3079, 0.3123



75.2386, 0.3325, 0.3428



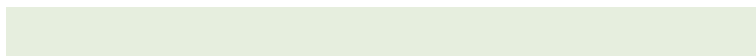
75.2386, 0.2978, 0.3321

Complementary

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



75.2386, 0.3079, 0.3123



83.2549, 0.3173, 0.3457

Split Complementary

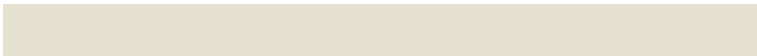
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2386, 0.3067, 0.3409



75.2386, 0.3079, 0.3123



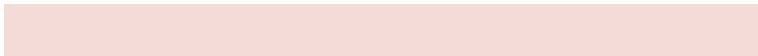
75.2386, 0.3268, 0.3470

Square

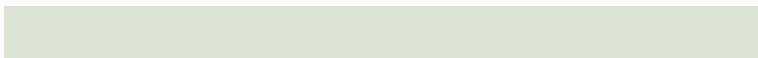
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2386, 0.3079, 0.3123



75.2386, 0.3329, 0.3349



75.2386, 0.3173, 0.3464



75.2386, 0.2929, 0.3225

Rectangle

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



75.2386, 0.3079, 0.3123



75.2386, 0.3250, 0.3228



75.2386, 0.3173, 0.3464



75.2386, 0.3004, 0.3352

Sweetspot

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



75.2418, 0.3079, 0.3123



96.3062, 0.3113, 0.3241



78.4518, 0.3024, 0.3208



20.6522, 0.3114, 0.3244



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.



75.2418, 0.3079, 0.3123



85.7750, 0.3069, 0.3089



76.5553, 0.3133, 0.3126



15.6149, 0.3058, 0.3051



5.6848, 0.2019, 0.0886



0.5321, 0.2161, 0.0964

Inverse Universe

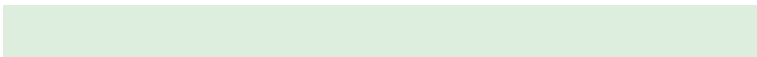
The Inverse Universe completely reimagines the original color for something new.



76.1443, 0.3187, 0.3207



87.0314, 0.3200, 0.3190



81.9981, 0.3121, 0.3460



15.8914, 0.3214, 0.3172



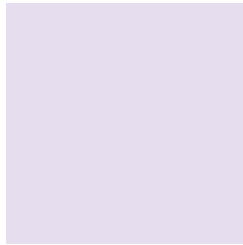
10.9185, 0.4947, 0.2499



0.9284, 0.4657, 0.2339

Previews

White Background



This preview shows how the Yxy color 75.2386, 0.3079, 0.3123 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 75.2386, 0.3079, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

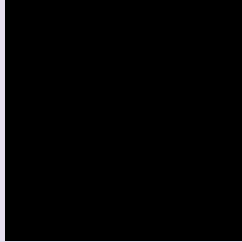
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

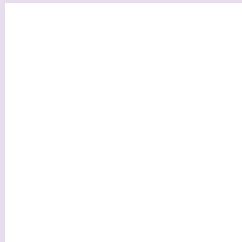
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2386, 0.3079, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 75.2386, 0.3079, 0.3123.

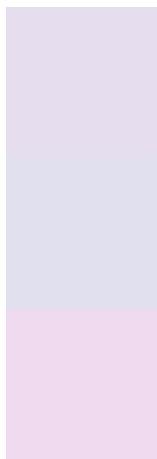


This preview shows how white text looks on a background with the Yxy color 75.2386, 0.3079, 0.3123.

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

75.2386, 0.3079, 0.3123

Protanopia

75.5509, 0.3038, 0.3132

Deuteranopia

74.9001, 0.3144, 0.3075



Tritanopia

75.2975, 0.3073, 0.3113

Trichromacy



Original Color

75.2386, 0.3079, 0.3123

Protanomaly

75.3382, 0.3052, 0.3122

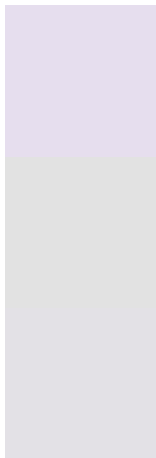
Deuteranomaly

74.7279, 0.3116, 0.3084

Tritanomaly

75.2975, 0.3073, 0.3113

Monochromacy



Original Color

75.2386, 0.3079, 0.3123

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8945, 0.3109, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2386, 0.3079, 0.3123 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, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 238)  
}
```

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, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.2386, 0.3079, 0.3123 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, 222, 238) }
```

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

```
.border{ border-color:rgb(230, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2386, 0.3079, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 238) }
```

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

```
.background{ background-color: rgb(230,  
222, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor