

Converting Colors

Yxy(76.0199, 0.3101, 0.3163)

Have a look what the booklet for
Yxy(76.0199, 0.3101, 0.3163)
contains.

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Color

Yxy(75.8204, 0.3099, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	E7DFEC
RGB	231, 223, 236
RGB Percent	91%, 87%, 93%
CMY	0.0939, 0.1255, 0.0744
CMYK	0.02, 0.06, 0.00, 0.07
HSL	277°, 26%, 90%
HSV	277°, 6%, 93%
XYZ	74.4982, 75.8204, 90.0758
YIQ	226.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

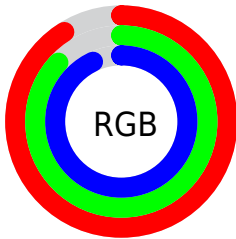
Format	Color
RYB	231, 223, 236
Decimal	15196140
CIELab	89.78, 5.07, -5.38
CIElCh	90, 7.394, 313.340
Yxy	75.8204, 0.3099, 0.3154
Android (android.graphics.Color)	4293386220 (0xFFE7DFEC)
YUV	226.8740, 4.4991, 3.6185
Hunter-Lab	87.0749, 0.3372, -0.3809

Details

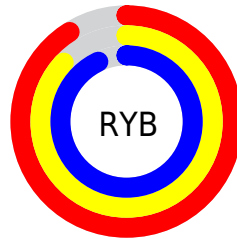
The Yxy color **75.8204, 0.3099, 0.3154** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.8114, 0.3154, 0.3427**, and the grayscale version is **76.6936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4145, 0.3090, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **62.6232, 0.3041, 0.2894**, and if you desaturate by 10%, it is **90.8585, 0.3148, 0.3396**.

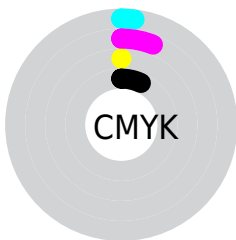
Distribution



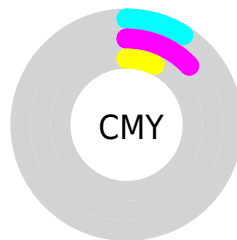
- Red (91%)
- Green (87%)
- Blue (93%)



- Red (91%)
- Yellow (87%)
- Blue (93%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8204, 0.3099, 0.3154 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 75.8204, 0.3099, 0.3154 by changing the saturation by 10% instead.


 75.8204, 0.3099,
0.3154

 75.8204, 0.3099,
0.3154


480.7327, 0.3112,
0.3216

 56.2852, 0.3096,
0.3140


127.4730, 0.3104,
0.3175

 40.4317, 0.3092,
0.3123


160.3592, 0.3105,
0.3184

 27.8753, 0.3087,
0.3101


198.4646, 0.3107,
0.3191

 18.2317, 0.3081,
0.3074

242.1736, 0.3108,
0.3197

 11.1164, 0.3072,
0.3036

291.8704, 0.3109,
0.3203

 6.1452, 0.3059,
0.2983

347.9397, 0.3110,

 2.9336, 0.3039,

0.3208

0.2901

410.7656, 0.3111,
0.3212

■ 1.0972, 0.3002,
0.2762

■ 0.0000, 0.2233,
0.0000

■ 75.8204, 0.3099,
0.3154

■ 75.8204, 0.3099,
0.3154

■ 62.6232, 0.3041,
0.2894

■ 90.8585, 0.3148,
0.3396

■ 51.1838, 0.2972,
0.2619

■ 97.7198, 0.3200,
0.3475

■ 41.4270, 0.2893,
0.2335

■ 98.8370, 0.3238,
0.3473

■ 33.2682, 0.2805,
0.2052

■ 26.6153, 0.2708,
0.1781

■ 21.3668, 0.2606,
0.1535

■ 17.4079, 0.2502,
0.1326

■ 14.6051, 0.2400,
0.1166

■ 12.7941, 0.2303,
0.1057

Harmonies

Analogous

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



75.8204, 0.3019, 0.3141



75.8204, 0.3099, 0.3154



75.8204, 0.3188, 0.3202

Triad

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



75.8204, 0.3099, 0.3154



75.8204, 0.3289, 0.3412



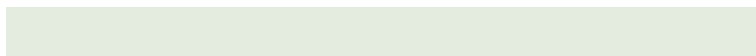
75.8204, 0.2995, 0.3305

Complementary

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



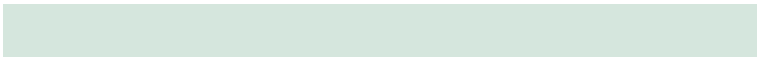
75.8204, 0.3099, 0.3154



81.8114, 0.3154, 0.3427

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.



75.8204, 0.3066, 0.3380



75.8204, 0.3099, 0.3154



75.8204, 0.3235, 0.3443

Square

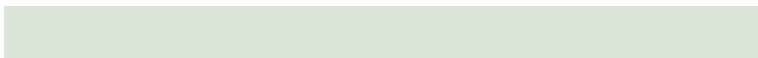
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8204, 0.3099, 0.3154



75.8204, 0.3298, 0.3350



75.8204, 0.3154, 0.3431



75.8204, 0.2959, 0.3226

Rectangle

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



75.8204, 0.3099, 0.3154



75.8204, 0.3240, 0.3248



75.8204, 0.3154, 0.3431



75.8204, 0.3015, 0.3332

Sweetspot

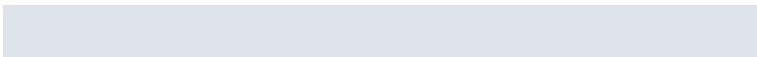
The Sweet Spot groups the original color and five complimentary colors.



75.8237, 0.3099, 0.3154



96.4229, 0.3117, 0.3241



77.2190, 0.3043, 0.3205



20.6760, 0.3118, 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.



75.8237, 0.3099, 0.3154



87.8700, 0.3091, 0.3116



76.5725, 0.3143, 0.3171



15.5582, 0.3088, 0.3102



6.7942, 0.2277, 0.1028



0.5884, 0.2405, 0.1098

Inverse Universe

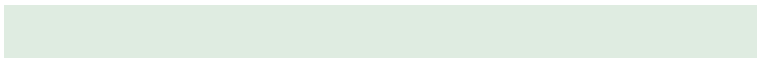
The Inverse Universe completely reimagines the original color for something new.



76.2017, 0.3187, 0.3239



88.4433, 0.3204, 0.3224



81.0949, 0.3111, 0.3412



15.6686, 0.3210, 0.3219



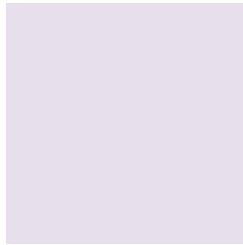
10.2580, 0.5454, 0.2778



0.8237, 0.5079, 0.2572

Previews

White Background



This preview shows how the Yxy color 75.8204, 0.3099, 0.3154 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 75.8204, 0.3099, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

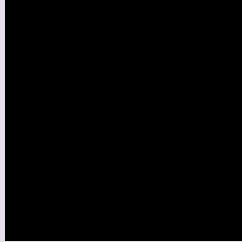
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

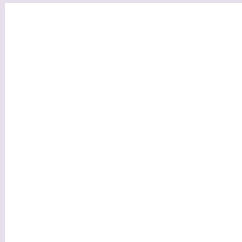
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8204, 0.3099, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 75.8204, 0.3099, 0.3154.

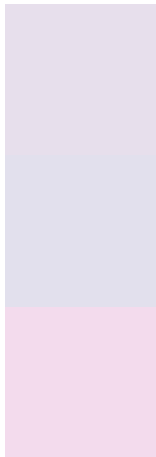


This preview shows how white text looks on a background with the Yxy color 75.8204, 0.3099, 0.3154.

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

75.8204, 0.3099, 0.3154

Protanopia

75.5945, 0.3058, 0.3153

Deuteranopia

75.8321, 0.3178, 0.3107



Tritanopia

75.6896, 0.3080, 0.3103

Trichromacy



Original Color

75.8204, 0.3099, 0.3154

Protanomaly

75.9197, 0.3071, 0.3154

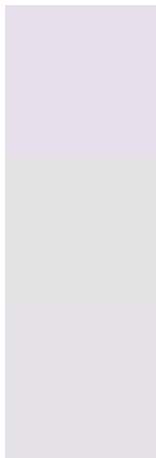
Deuteranomaly

75.6515, 0.3149, 0.3116

Tritanomaly

75.6304, 0.3087, 0.3113

Monochromacy



Original Color

75.8204, 0.3099, 0.3154

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5999, 0.3115, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8204, 0.3099, 0.3154 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(231, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 236)  
}
```

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(231, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.8204, 0.3099, 0.3154 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(231, 223, 236) }
```

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

```
.border{ border-color:rgb(231, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8204, 0.3099, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 236) }
```

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

```
.background{ background-color: rgb(231,  
223, 236) }
```

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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