

Converting Colors

$Yxy(74.6443, 0.3029, 0.3085)$

Have a look what the booklet for
Yxy(74.6443, 0.3029, 0.3085)
contains.

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Color

Yxy(74.7622, 0.3033, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	E2DEF1
RGB	226, 222, 241
RGB Percent	89%, 87%, 95%
CMY	0.1137, 0.1294, 0.0551
CMYK	0.06, 0.08, 0.00, 0.06
HSL	253°, 40%, 91%
HSV	253°, 8%, 94%
XYZ	73.3594, 74.7622, 93.7490
YIQ	225.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

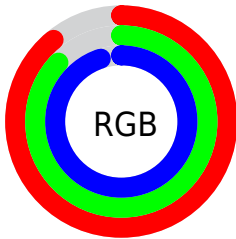
Format	Color
R _Y B	226, 222, 241
Decimal	14868209
CIE Lab	89.28, 4.84, -8.75
CIE LCh	89, 10.000, 298.976
Yxy	74.7622, 0.3033, 0.3091
Android (android.graphics.Color)	4293058289 (0xFFE2DEF1)
YUV	225.3620, 7.7095, 0.5595
Hunter-Lab	86.4651, 0.1302, -3.7590

Details

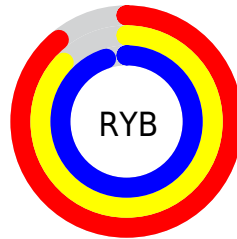
The Yxy color **74.7622, 0.3033, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.1567, 0.3217, 0.3485**, and the grayscale version is **75.5159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7981, 0.3013, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **59.9623, 0.2897, 0.2812**, and if you desaturate by 10%, it is **91.7382, 0.3151, 0.3341**.

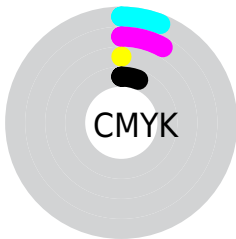
Distribution



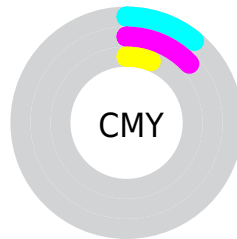
- Red (89%)
- Green (87%)
- Blue (95%)



- Red (89%)
- Yellow (87%)
- Blue (95%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7622, 0.3033, 0.3091 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 74.7622, 0.3033, 0.3091 by changing the saturation by 10% instead.

■ 74.7622, 0.3033,
0.3091

■ 74.7622, 0.3033,
0.3091

477.0998, 0.3077,
0.3182

■ 55.4181, 0.3023,
0.3071

125.9757, 0.3048,
0.3122

■ 39.7366, 0.3011,
0.3046

158.6139, 0.3054,
0.3134

■ 27.3332, 0.2995,
0.3014

196.4522, 0.3059,
0.3145

■ 17.8236, 0.2974,
0.2973

239.8751, 0.3064,
0.3154

■ 10.8234, 0.2946,
0.2918

289.2669, 0.3067,
0.3162

■ 5.9482, 0.2906,
0.2841

345.0120, 0.3071,

■ 2.8136, 0.2843,

0.3170

0.2722

407.4948, 0.3074,
0.3176

■ 1.0352, 0.2729,
0.2520

■ 0.0000, 0.0751,
0.0000

■ 74.7622, 0.3033,
0.3091

■ 74.7622, 0.3033,
0.3091

■ 59.9623, 0.2897,
0.2812

■ 91.7382, 0.3151,
0.3341

■ 47.2407, 0.2743,
0.2506

■ 99.1284, 0.3209,
0.3425

■ 36.5062, 0.2572,
0.2179

■ 27.6571, 0.2388,
0.1842

■ 20.5826, 0.2199,
0.1512

■ 15.1601, 0.2016,
0.1211

■ 11.2511, 0.1850,
0.0961

■ 8.6934, 0.1714,
0.0778

■ 7.2711, 0.1614,
0.0671

Harmonies

Analogous

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



74.7622, 0.2941, 0.3098



74.7622, 0.3033, 0.3091



74.7622, 0.3152, 0.3135

Triad

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



74.7622, 0.3033, 0.3091



74.7622, 0.3361, 0.3419



74.7622, 0.2989, 0.3362

Complementary

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



74.7622, 0.3033, 0.3091



86.1567, 0.3217, 0.3485

Split Complementary

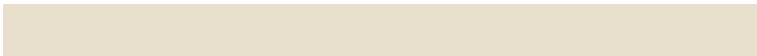
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7622, 0.3099, 0.3453



74.7622, 0.3033, 0.3091



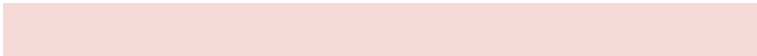
74.7622, 0.3315, 0.3484

Square

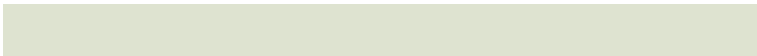
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7622, 0.3033, 0.3091



74.7622, 0.3343, 0.3322



74.7622, 0.3219, 0.3497



74.7622, 0.2916, 0.3252

Rectangle

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



74.7622, 0.3033, 0.3091



74.7622, 0.3231, 0.3188



74.7622, 0.3219, 0.3497



74.7622, 0.3023, 0.3396

Sweetspot

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



74.7654, 0.3033, 0.3091



96.0341, 0.3104, 0.3241



82.5447, 0.3005, 0.3250



20.5968, 0.3105, 0.3243



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.



74.7654, 0.3033, 0.3091



82.9484, 0.3018, 0.3060



76.3035, 0.3097, 0.3095



15.3896, 0.3012, 0.3048



3.8711, 0.1608, 0.0660



0.3636, 0.1729, 0.0726

Inverse Universe

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



77.0517, 0.3162, 0.3138



85.9130, 0.3168, 0.3115



84.6037, 0.3155, 0.3488



15.9709, 0.3170, 0.3106



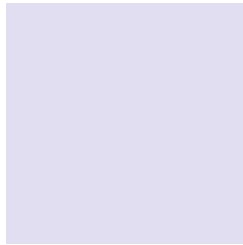
12.1797, 0.3828, 0.1882



1.0274, 0.3730, 0.1829

Previews

White Background



This preview shows how the Yxy color 74.7622, 0.3033, 0.3091 looks on a white background.

Color Contrast Check

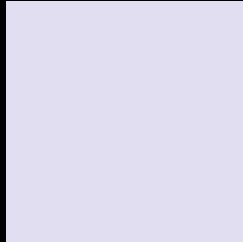
Large Text (above 18pt) WCAG AA × Fail

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 74.7622, 0.3033, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

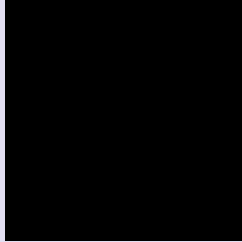
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7622, 0.3033, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 74.7622, 0.3033, 0.3091.

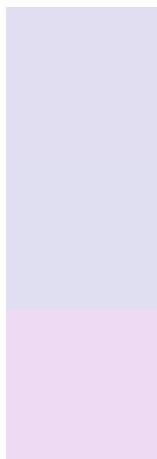


This preview shows how white text looks on a background with the Yxy color 74.7622, 0.3033, 0.3091.

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

74.7622, 0.3033, 0.3091

Protanopia

74.8142, 0.3012, 0.3100

Deuteranopia

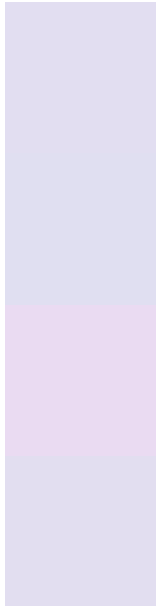
74.7308, 0.3110, 0.3044



Tritanopia

74.7026, 0.3039, 0.3101

Trichromacy



Original Color

74.7622, 0.3033, 0.3091

Protanomaly

74.9735, 0.3019, 0.3100

Deuteranomaly

74.5663, 0.3082, 0.3052

Tritanomaly

74.7026, 0.3039, 0.3101

Monochromacy



Original Color

74.7622, 0.3033, 0.3091

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0884, 0.3089, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7622, 0.3033, 0.3091 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(226, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 241)  
}
```

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(226, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 241) }
```

Border

The CSS property to change the border of an element to Yxy 74.7622, 0.3033, 0.3091 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(226, 222, 241) }
```

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

```
.border{ border-color:rgb(226, 222, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 222, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7622, 0.3033, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 241) }
```

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

```
.background{ background-color: rgb(226,  
222, 241) }
```

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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