

Converting Colors

$Yxy(75.9985, 0.3005, 0.3049)$

Have a look what the booklet for
Yxy(75.9985, 0.3005, 0.3049)
contains.

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Color

Yxy(75.8216, 0.3002, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	E3DFF7
RGB	227, 223, 247
RGB Percent	89%, 87%, 97%
CMY	0.1098, 0.1254, 0.0315
CMYK	0.08, 0.10, 0.00, 0.03
HSL	250°, 60%, 92%
HSV	250°, 10%, 97%
XYZ	74.8492, 75.8216, 98.6603
YIQ	226.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

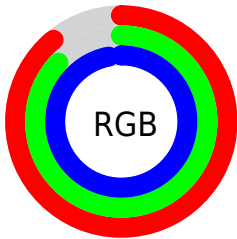
Format	Color
RYB	227, 223, 247
Decimal	14934007
CIELab	89.78, 5.80, -11.16
CIELCh	90, 12.576, 297.440
Yxy	75.8216, 0.3002, 0.3041
Android (android.graphics.Color)	4293124087 (0xFFE3DFF7)
YUV	226.9320, 9.8935, 0.0596
Hunter-Lab	87.0756, 1.0543, -6.2252

Details

The Yxy color `75.8216, 0.3002, 0.3041` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90.8837, 0.3245, 0.3531`, and the grayscale version is `76.6940, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.5375, 0.2973, 0.2982` is the 20% darker color. If you saturate the color by 10%, you get `60.4252, 0.2854, 0.2754`, and if you desaturate by 10%, it is `93.5496, 0.3131, 0.3297`.

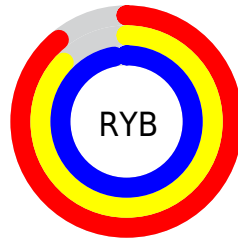
Distribution



Red (89%)

Green (87%)

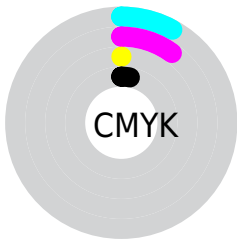
Blue (97%)



Red (89%)

Yellow (87%)

Blue (97%)

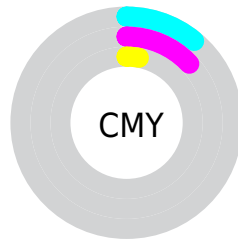


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8216, 0.3002, 0.3041 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 75.8216, 0.3002, 0.3041 by changing the saturation by 10% instead.

75.8216, 0.3002,
0.3041

75.8216, 0.3002,
0.3041

480.7368, 0.3060,
0.3154

56.2862, 0.2989,
0.3016

127.4747, 0.3022,
0.3080

40.4325, 0.2972,
0.2985

160.3612, 0.3030,
0.3095

27.8759, 0.2952,
0.2946

198.4669, 0.3037,
0.3108

18.2321, 0.2925,
0.2896

242.1762, 0.3042,
0.3120

11.1168, 0.2888,
0.2829

291.8734, 0.3048,
0.3130

6.1454, 0.2836,
0.2735

347.9430, 0.3052,

2.9337, 0.2754,

0.3139

0.2594

410.7693, 0.3056,
0.3147

■ 1.0972, 0.2611,
0.2359

■ 0.0000, 0.1354,
0.0000

■ 75.8216, 0.3002,
0.3041

■ 75.8216, 0.3002,
0.3041

■ 60.4252, 0.2854,
0.2754

■ 93.5496, 0.3131,
0.3297

■ 47.2537, 0.2688,
0.2440

■ 99.4936, 0.3174,
0.3367

■ 36.2065, 0.2505,
0.2105

■ 27.1714, 0.2312,
0.1763

■ 20.0256, 0.2117,
0.1431

■ 14.6330, 0.1932,
0.1134

■ 10.8389, 0.1772,
0.0894

■ 8.4606, 0.1648,
0.0728

■ 7.2152, 0.1564,
0.0636

Harmonies

Analogous

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



75.8216, 0.2890, 0.3052



75.8216, 0.3002, 0.3041



75.8216, 0.3150, 0.3093

Triad

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



75.8216, 0.3002, 0.3041



75.8216, 0.3422, 0.3444



75.8216, 0.2960, 0.3387

Complementary

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



75.8216, 0.3002, 0.3041



90.8837, 0.3245, 0.3531

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.



75.8216, 0.3099, 0.3499



75.8216, 0.3002, 0.3041



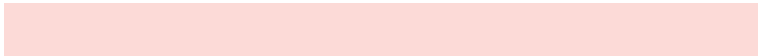
75.8216, 0.3367, 0.3530

Square

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



75.8216, 0.3002, 0.3041



75.8216, 0.3395, 0.3322



75.8216, 0.3249, 0.3552



75.8216, 0.2866, 0.3249

Rectangle

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



75.8216, 0.3002, 0.3041



75.8216, 0.3249, 0.3157



75.8216, 0.3249, 0.3552



75.8216, 0.3003, 0.3429

Sweetspot

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



75.8248, 0.3002, 0.3041



94.0262, 0.3090, 0.3216



86.7298, 0.2977, 0.3253



19.7922, 0.3080, 0.3196



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.



75.8248, 0.3002, 0.3041



77.4851, 0.2969, 0.2977



77.7732, 0.3081, 0.3047



16.0591, 0.3005, 0.3047



3.8422, 0.1572, 0.0640



0.3751, 0.1673, 0.0696

Inverse Universe

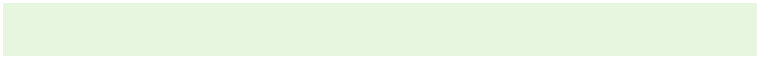
The Inverse Universe completely reimagines the original color for something new.



79.0201, 0.3164, 0.3090



81.6832, 0.3174, 0.3041



88.8865, 0.3169, 0.3537



16.7182, 0.3163, 0.3095



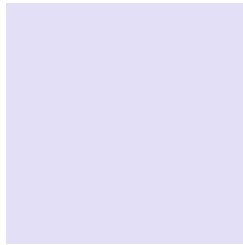
12.8310, 0.3680, 0.1801



1.1400, 0.3611, 0.1763

Previews

White Background



This preview shows how the Yxy color 75.8216, 0.3002, 0.3041 looks on a white background.

Color Contrast Check

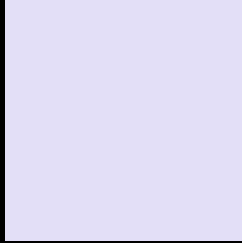
Large Text (above 18pt) WCAG AA × Fail

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 75.8216, 0.3002, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

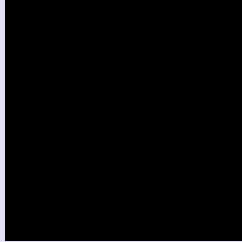
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8216, 0.3002, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 75.8216, 0.3002, 0.3041.



This preview shows how white text looks on a background with the Yxy color 75.8216, 0.3002, 0.3041.

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

75.8216, 0.3002, 0.3041

Protanopia

75.7766, 0.2969, 0.3039

Deuteranopia

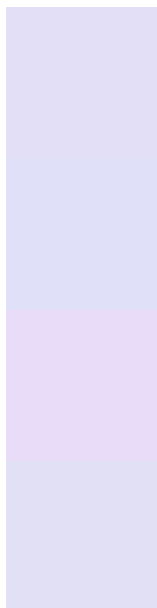
75.4449, 0.3064, 0.2994



Tritanopia

75.8909, 0.3026, 0.3102

Trichromacy



Original Color

75.8216, 0.3002, 0.3041

Protanomaly

75.9359, 0.2976, 0.3040

Deuteranomaly

75.2873, 0.3036, 0.3002

Tritanomaly

76.0117, 0.3014, 0.3081

Monochromacy



Original Color

75.8216, 0.3002, 0.3041

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6641, 0.3083, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8216, 0.3002, 0.3041 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(227, 223, 247)` looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 247)  
}
```

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(227, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 247) }
```

Border

The CSS property to change the border of an element to Yxy 75.8216, 0.3002, 0.3041 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(227, 223, 247) }
```

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

```
.border{ border-color:rgb(227, 223, 247) }
```

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

Here you see how a box with a 4 pixel rgb(227, 223, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(227, 223,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8216, 0.3002, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 247) }
```

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

```
.background{ background-color: rgb(227,  
223, 247) }
```

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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