

Converting Colors

$Yxy(76.5207, 0.3009, 0.3052)$

Have a look what the booklet for
Yxy(76.5207, 0.3009, 0.3052)
contains.

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Color

Yxy(76.5207, 0.3009, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	E4E0F7
RGB	228, 224, 247
RGB Percent	89%, 88%, 97%
CMY	0.1057, 0.1216, 0.0315
CMYK	0.08, 0.09, 0.00, 0.03
HSL	251°, 59%, 92%
HSV	251°, 9%, 97%
XYZ	75.4426, 76.5207, 98.7598
YIQ	227.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

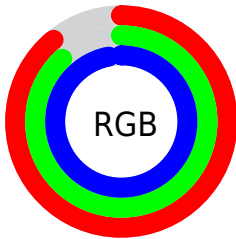
Format	Color
R _Y B	228, 224, 247
Decimal	14999799
CIE Lab	90.10, 5.62, -10.67
CIE LCh	90, 12.055, 297.762
Yxy	76.5207, 0.3009, 0.3052
Android (android.graphics.Color)	4293189879 (0xFFE4E0F7)
YUV	227.8180, 9.4567, 0.1596
Hunter-Lab	87.4761, 0.8617, -5.7047

Details

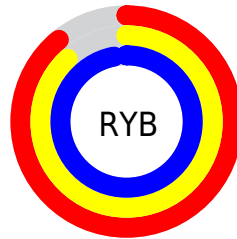
The Yxy color `76.5207, 0.3009, 0.3052` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90.9237, 0.3239, 0.3521`, and the grayscale version is `77.3796, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.0218, 0.2982, 0.2996` is the 20% darker color. If you saturate the color by 10%, you get `61.0631, 0.2864, 0.2767`, and if you desaturate by 10%, it is `94.3046, 0.3135, 0.3307`.

Distribution



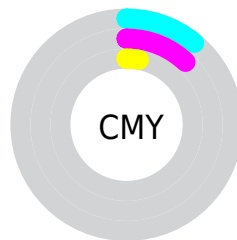
- Red (89%)
- Green (88%)
- Blue (97%)



- Red (89%)
- Yellow (88%)
- Blue (97%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5207, 0.3009, 0.3052 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 76.5207, 0.3009, 0.3052 by changing the saturation by 10% instead.

76.5207, 0.3009,
0.3052

76.5207, 0.3009,
0.3052

483.1283, 0.3064,
0.3160

56.8596, 0.2997,
0.3028

128.4627, 0.3028,
0.3089

40.8925, 0.2981,
0.2998

161.5123, 0.3035,
0.3103

28.2351, 0.2962,
0.2961

199.7936, 0.3042,
0.3116

18.5030, 0.2937,
0.2914

243.6909, 0.3047,
0.3127

11.3117, 0.2902,
0.2850

293.5886, 0.3052,
0.3137

6.2769, 0.2853,
0.2761

349.8712, 0.3056,

3.0142, 0.2777,

0.3145

0.2627

412.9229, 0.3060,
0.3153

■ 1.1391, 0.2643,
0.2403

■ 0.0111, 0.1611,
0.0121

■ 76.5207, 0.3009,
0.3052

■ 76.5207, 0.3009,
0.3052

■ 61.0631, 0.2864,
0.2767

■ 94.3046, 0.3135,
0.3307

■ 47.8260, 0.2700,
0.2454

■ 99.4932, 0.3174,
0.3367

■ 36.7093, 0.2520,
0.2121

■ 27.6020, 0.2328,
0.1780

■ 20.3824, 0.2134,
0.1448

■ 14.9157, 0.1949,
0.1150

■ 11.0488, 0.1788,
0.0907

■ 8.6015, 0.1660,
0.0738

■ 7.3050, 0.1573,
0.0643

Harmonies

Analogous

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



76.5207, 0.2901, 0.3062



76.5207, 0.3009, 0.3052



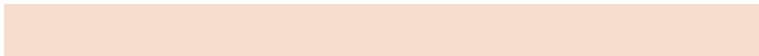
76.5207, 0.3150, 0.3102

Triad

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



76.5207, 0.3009, 0.3052



76.5207, 0.3408, 0.3439



76.5207, 0.2966, 0.3381

Complementary

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



76.5207, 0.3009, 0.3052



90.9237, 0.3239, 0.3521

Split Complementary

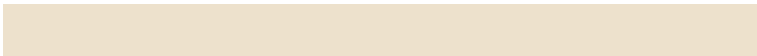
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5207, 0.3099, 0.3489



76.5207, 0.3009, 0.3052



76.5207, 0.3356, 0.3520

Square

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



76.5207, 0.3009, 0.3052



76.5207, 0.3384, 0.3322



76.5207, 0.3242, 0.3540



76.5207, 0.2877, 0.3249

Rectangle

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



76.5207, 0.3009, 0.3052



76.5207, 0.3245, 0.3164



76.5207, 0.3242, 0.3540



76.5207, 0.3007, 0.3421

Sweetspot

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



76.5239, 0.3009, 0.3052



94.0395, 0.3091, 0.3216



86.7438, 0.2983, 0.3250



19.7957, 0.3081, 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.



76.5239, 0.3009, 0.3052



79.2667, 0.2985, 0.3005



78.4287, 0.3085, 0.3058



16.0667, 0.3007, 0.3047



3.8703, 0.1579, 0.0643



0.3787, 0.1683, 0.0701

Inverse Universe

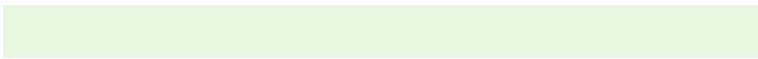
The Inverse Universe completely reimagines the original color for something new.



79.5453, 0.3164, 0.3101



83.0773, 0.3172, 0.3065



88.9799, 0.3165, 0.3526



16.7154, 0.3165, 0.3097



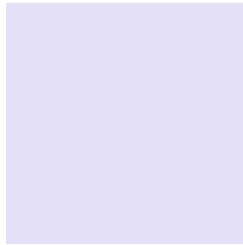
12.7720, 0.3711, 0.1818



1.1354, 0.3637, 0.1777

Previews

White Background



This preview shows how the Yxy color 76.5207, 0.3009, 0.3052 looks on a white background.

Color Contrast Check

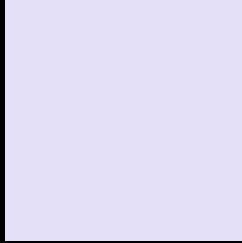
Large Text (above 18pt) WCAG AA × Fail

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 76.5207, 0.3009, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

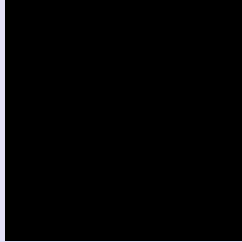
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.5207, 0.3009, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 76.5207, 0.3009, 0.3052.



This preview shows how white text looks on a background with the Yxy color 76.5207, 0.3009, 0.3052.

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

76.5207, 0.3009, 0.3052

Protanopia

76.4750, 0.2976, 0.3050

Deuteranopia

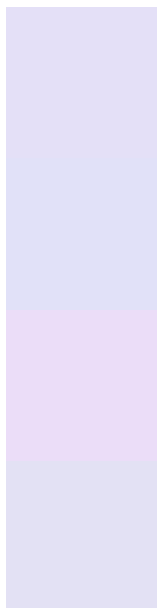
76.3144, 0.3078, 0.3006



Tritanopia

76.5921, 0.3033, 0.3113

Trichromacy



Original Color

76.5207, 0.3009, 0.3052

Protanomaly

76.6353, 0.2982, 0.3051

Deuteranomaly

76.1524, 0.3050, 0.3014

Tritanomaly

76.7130, 0.3020, 0.3092

Monochromacy



Original Color

76.5207, 0.3009, 0.3052

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4303, 0.3083, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5207, 0.3009, 0.3052 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(228, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 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(228, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.5207, 0.3009, 0.3052 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(228, 224, 247) }
```

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

```
.border{ border-color:rgb(228, 224, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5207, 0.3009, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 247) }
```

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

```
.background{ background-color: rgb(228,  
224, 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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