

Converting Colors

Yxy(76.9532, 0.2966, 0.3041)

Have a look what the booklet for
Yxy(76.9532, 0.2966, 0.3041)
contains.

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Color

Yxy(77.1421, 0.2964, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	E0E2FA
RGB	224, 226, 250
RGB Percent	88%, 89%, 98%
CMY	0.1215, 0.1137, 0.0197
CMYK	0.10, 0.10, 0.00, 0.02
HSL	235°, 72%, 93%
HSV	235°, 10%, 98%
XYZ	75.1888, 77.1421, 101.3425
YIQ	228.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

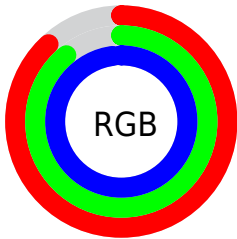
Format	Color
R_{YB}	224, 226, 250
Decimal	14738170
CIE _{Lab}	90.39, 3.86, -11.85
CIE _{LCh}	90, 12.460, 288.051
Yxy	77.1421, 0.2964, 0.3041
Android (android.graphics.Color)	4292928250 (0xFFE0E2FA)
YUV	228.1380, 10.7780, -3.6290
Hunter-Lab	87.8306, -0.8956, -6.9298

Details

The Yxy color $77.1421, 0.2964, 0.3041$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $92.8145, 0.3285, 0.3527$, and the grayscale version is $77.6152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.4559, 0.2925, 0.2982$ is the 20% darker color. If you saturate the color by 10%, you get $61.7264, 0.2788, 0.2769$, and if you desaturate by 10%, it is $94.8393, 0.3121, 0.3281$.

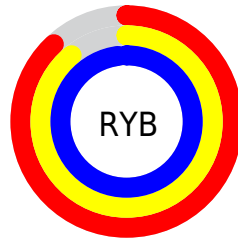
Distribution



Red (88%)

Green (89%)

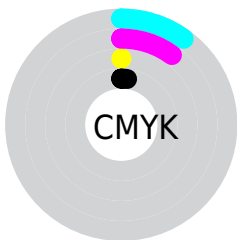
Blue (98%)



Red (88%)

Yellow (89%)

Blue (98%)

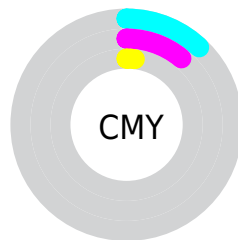


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (12%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1421, 0.2964, 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 77.1421, 0.2964, 0.3041 by changing the saturation by 10% instead.

■ 77.1421, 0.2964,
0.3041

■ 77.1421, 0.2964,
0.3041

485.2484, 0.3039,
0.3154

■ 57.3695, 0.2947,
0.3016

129.3401, 0.2990,
0.3080

■ 41.3020, 0.2926,
0.2985

162.5342, 0.3000,
0.3095

■ 28.5551, 0.2900,
0.2946

200.9710, 0.3009,
0.3108

■ 18.7445, 0.2866,
0.2896

245.0348, 0.3016,
0.3120

■ 11.4858, 0.2820,
0.2830

295.1101, 0.3023,
0.3130

■ 6.3946, 0.2754,
0.2736

351.5812, 0.3029,

■ 3.0865, 0.2654,

0.3139

0.2596

414.8325, 0.3034,
0.3147

■ 1.1771, 0.2483,
0.2364

■ 0.0428, 0.1282,
0.0407

■ 77.1421, 0.2964,
0.3041

■ 77.1421, 0.2964,
0.3041

■ 61.7264, 0.2788,
0.2769

■ 94.8393, 0.3121,
0.3281

■ 48.4901, 0.2595,
0.2467

■ 99.6802, 0.3156,
0.3338

■ 37.3376, 0.2389,
0.2140

■ 28.1626, 0.2179,
0.1802

■ 20.8493, 0.1977,
0.1470

■ 15.2698, 0.1797,
0.1166

■ 11.2800, 0.1655,
0.0916

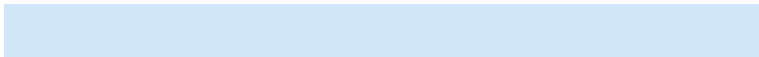
■ 8.7122, 0.1559,
0.0737

■ 7.3753, 0.1510,
0.0637

Harmonies

Analogous

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



77.1421, 0.2871, 0.3072



77.1421, 0.2964, 0.3041



77.1421, 0.3102, 0.3074

Triad

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



77.1421, 0.2964, 0.3041



77.1421, 0.3418, 0.3407



77.1421, 0.3002, 0.3424

Complementary

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



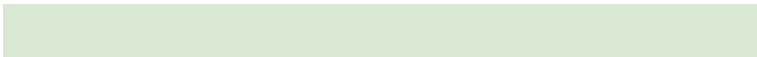
77.1421, 0.2964, 0.3041



92.8145, 0.3285, 0.3527

Split Complementary

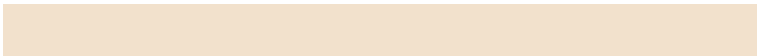
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1421, 0.3147, 0.3520



77.1421, 0.2964, 0.3041



77.1421, 0.3389, 0.3506

Square

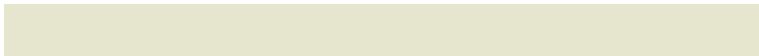
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1421, 0.2964, 0.3041



77.1421, 0.3367, 0.3281



77.1421, 0.3289, 0.3549



77.1421, 0.2893, 0.3292

Rectangle

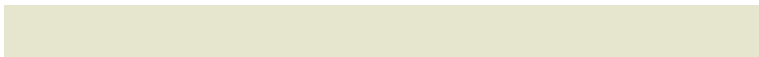
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1421, 0.2964, 0.3041



77.1421, 0.3202, 0.3127



77.1421, 0.3289, 0.3549



77.1421, 0.3048, 0.3462

Sweetspot

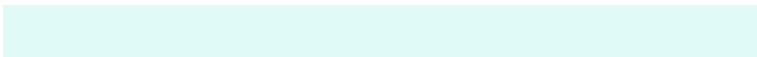
The Sweet Spot groups the original color and five complimentary colors.



77.1453, 0.2964, 0.3041



94.1557, 0.3082, 0.3222



90.9651, 0.2979, 0.3312



19.8269, 0.3070, 0.3203



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.



77.1453, 0.2964, 0.3041



77.9382, 0.2937, 0.2999



77.8466, 0.3036, 0.3026



16.8579, 0.2979, 0.3064



3.9902, 0.1514, 0.0648



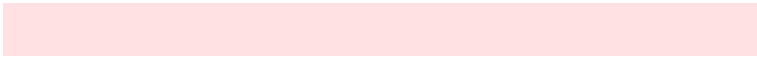
0.4415, 0.1544, 0.0758

Inverse Universe

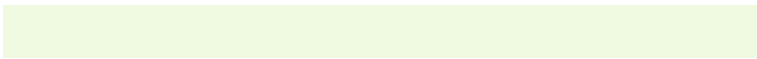
The Inverse Universe completely reimagines the original color for something new.



79.1239, 0.3298, 0.3270



80.3194, 0.3329, 0.3267



92.1108, 0.3212, 0.3552



17.2469, 0.3282, 0.3272



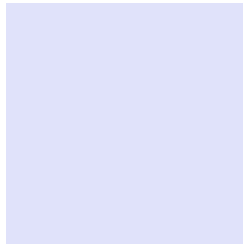
10.8137, 0.6319, 0.3255



1.0088, 0.6137, 0.3154

Previews

White Background



This preview shows how the Yxy color 77.1421, 0.2964, 0.3041 looks on a white background.

Color Contrast Check

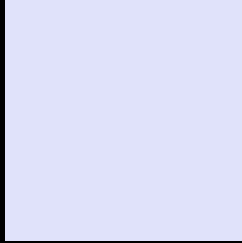
Large Text (above 18pt) WCAG AA × Fail

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 77.1421, 0.2964, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

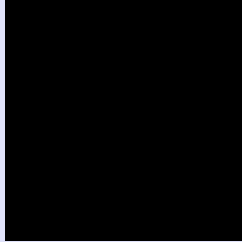
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1421, 0.2964, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 77.1421, 0.2964, 0.3041.

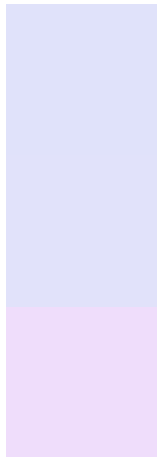


This preview shows how white text looks on a background with the Yxy color 77.1421, 0.2964, 0.3041.

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

77.1421, 0.2964, 0.3041

Protanopia

77.3024, 0.2970, 0.3041

Deuteranopia

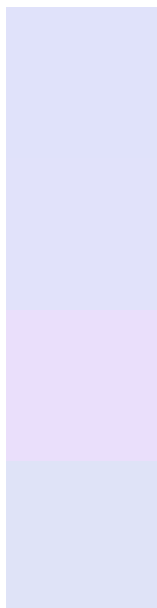
77.0287, 0.3058, 0.2987



Tritanopia

77.2187, 0.2988, 0.3102

Trichromacy



Original Color

77.1421, 0.2964, 0.3041

Protanomaly

77.3024, 0.2970, 0.3041

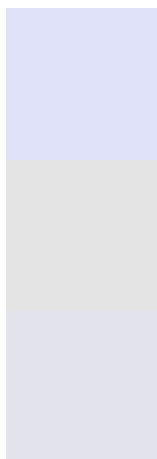
Deuteranomaly

77.2328, 0.3024, 0.3005

Tritanomaly

77.3415, 0.2975, 0.3081

Monochromacy



Original Color

77.1421, 0.2964, 0.3041

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3252, 0.3070, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1421, 0.2964, 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(224, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 250)  
}
```

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(224, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 250) }
```

Border

The CSS property to change the border of an element to Yxy 77.1421, 0.2964, 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(224, 226, 250) }
```

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

```
.border{ border-color:rgb(224, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1421, 0.2964, 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(224, 226, 250) }
```

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

```
.background{ background-color: rgb(224,  
226, 250) }
```

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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