

Converting Colors

$Yxy(77.4025, 0.2998, 0.3104)$

Have a look what the booklet for
Yxy(77.4025, 0.2998, 0.3104)
contains.

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Color

Yxy(77.3780, 0.2994, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	E0E3F5
RGB	224, 227, 245
RGB Percent	88%, 89%, 96%
CMY	0.1217, 0.1097, 0.0392
CMYK	0.09, 0.07, 0.00, 0.04
HSL	231°, 51%, 92%
HSV	231°, 9%, 96%
XYZ	74.6840, 77.3780, 97.3835
YIQ	228.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

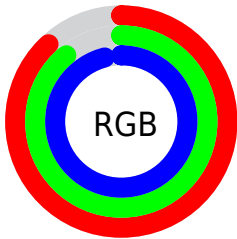
Format	Color
R _Y B	224, 227, 245
Decimal	14738421
CIE Lab	90.50, 2.36, -9.08
CIE LCh	90, 9.384, 284.545
Yxy	77.3780, 0.2994, 0.3102
Android (android.graphics.Color)	4292928501 (0xFFE0E3F5)
YUV	228.1550, 8.3046, -3.6439
Hunter-Lab	87.9648, -2.3880, -4.0631

Details

The Yxy color `77.3780, 0.2994, 0.3102` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88.2720, 0.3258, 0.3471`, and the grayscale version is `77.6438, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.6142, 0.2964, 0.3061` is the 20% darker color. If you saturate the color by 10%, you get `62.9697, 0.2823, 0.2856`, and if you desaturate by 10%, it is `93.7521, 0.3148, 0.3319`.

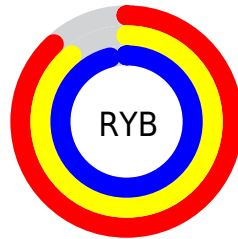
Distribution



Red (88%)

Green (89%)

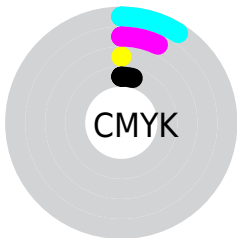
Blue (96%)



Red (88%)

Yellow (89%)

Blue (96%)

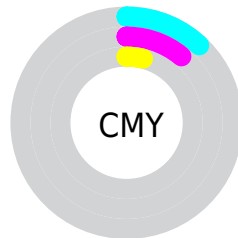


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3780, 0.2994, 0.3102 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 77.3780, 0.2994, 0.3102 by changing the saturation by 10% instead.

■ 77.3780, 0.2994,
0.3102

■ 77.3780, 0.2994,
0.3102

486.0519, 0.3055,
0.3188

■ 57.5632, 0.2980,
0.3083

129.6729, 0.3015,
0.3131

■ 41.4576, 0.2963,
0.3059

162.9218, 0.3023,
0.3143

■ 28.6768, 0.2942,
0.3030

201.4175, 0.3030,
0.3153

■ 18.8365, 0.2914,
0.2992

245.5444, 0.3037,
0.3162

■ 11.5522, 0.2877,
0.2940

295.6869, 0.3042,
0.3169

■ 6.4395, 0.2823,
0.2868

352.2294, 0.3047,

■ 3.1141, 0.2741,

0.3176

0.2758

415.5562, 0.3051,
0.3182

■ 1.1916, 0.2600,
0.2573

■ 0.0548, 0.1276,
0.0638

■ 77.3780, 0.2994,
0.3102

■ 77.3780, 0.2994,
0.3102

■ 62.9697, 0.2823,
0.2856

■ 93.7521, 0.3148,
0.3319

■ 50.4435, 0.2637,
0.2582

■ 99.3725, 0.3185,
0.3386

■ 39.7242, 0.2440,
0.2283

■ 30.7275, 0.2237,
0.1968

■ 23.3626, 0.2040,
0.1650

■ 17.5300, 0.1860,
0.1346

■ 13.1193, 0.1710,
0.1078

■ 10.0043, 0.1600,
0.0863

■ 8.0272, 0.1535,
0.0715

Harmonies

Analogous

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



77.3780, 0.2929, 0.3132



77.3780, 0.2994, 0.3102



77.3780, 0.3096, 0.3121

Triad

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



77.3780, 0.2994, 0.3102



77.3780, 0.3344, 0.3369



77.3780, 0.3045, 0.3401

Complementary

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



77.3780, 0.2994, 0.3102



88.2720, 0.3258, 0.3471

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.



77.3780, 0.3156, 0.3467



77.3780, 0.2994, 0.3102



77.3780, 0.3329, 0.3446

Square

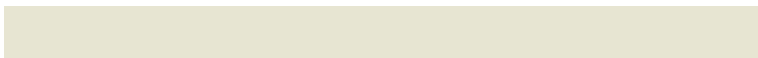
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3780, 0.2994, 0.3102



77.3780, 0.3299, 0.3273



77.3780, 0.3260, 0.3483



77.3780, 0.2958, 0.3304

Rectangle

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



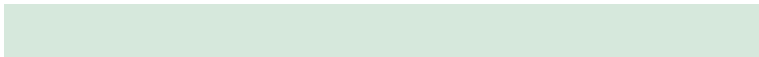
77.3780, 0.2994, 0.3102



77.3780, 0.3171, 0.3158



77.3780, 0.3260, 0.3483



77.3780, 0.3081, 0.3428

Sweetspot

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



77.3813, 0.2994, 0.3102



94.4737, 0.3082, 0.3227



87.5488, 0.3012, 0.3322



19.9123, 0.3070, 0.3209



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.



77.3813, 0.2994, 0.3102



82.3447, 0.2970, 0.3068



76.9335, 0.3043, 0.3073



16.3133, 0.2979, 0.3081



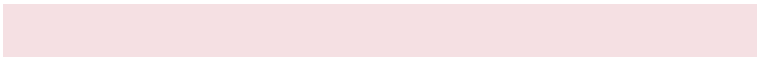
4.3319, 0.1532, 0.0716



0.4963, 0.1584, 0.0901

Inverse Universe

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



78.2559, 0.3256, 0.3259



83.4697, 0.3280, 0.3254



88.7996, 0.3206, 0.3504



16.5216, 0.3271, 0.3256



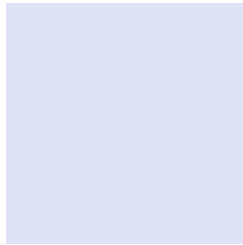
10.5367, 0.6206, 0.3192



0.9377, 0.5910, 0.3030

Previews

White Background



This preview shows how the Yxy color 77.3780, 0.2994, 0.3102 looks on a white background.

Color Contrast Check

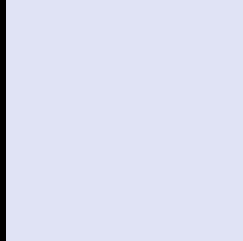
Large Text (above 18pt) WCAG AA × Fail

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 77.3780, 0.2994, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

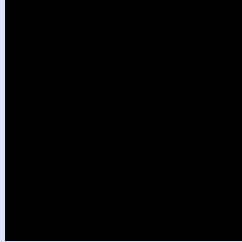
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

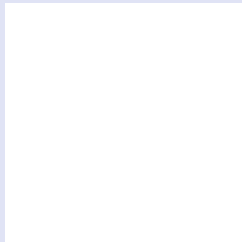
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3780, 0.2994, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 77.3780, 0.2994, 0.3102.



This preview shows how white text looks on a background with the Yxy color 77.3780, 0.2994, 0.3102.

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

77.3780, 0.2994, 0.3102

Protanopia

77.2553, 0.3020, 0.3103

Deuteranopia

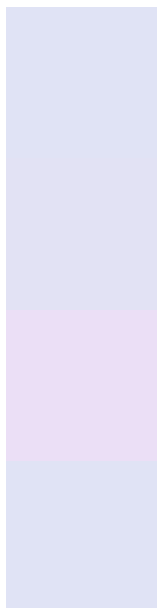
77.0675, 0.3104, 0.3037



Tritanopia

77.3780, 0.2994, 0.3102

Trichromacy



Original Color

77.3780, 0.2994, 0.3102

Protanomaly

77.0931, 0.3014, 0.3102

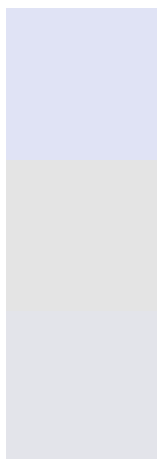
Deuteranomaly

77.0913, 0.3062, 0.3055

Tritanomaly

77.3780, 0.2994, 0.3102

Monochromacy



Original Color

77.3780, 0.2994, 0.3102

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7582, 0.3082, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3780, 0.2994, 0.3102 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, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 245)  
}
```

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, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 245) }
```

Border

The CSS property to change the border of an element to Yxy 77.3780, 0.2994, 0.3102 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, 227, 245) }
```

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

```
.border{ border-color:rgb(224, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3780, 0.2994, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 245) }
```

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

```
.background{ background-color: rgb(224,  
227, 245) }
```

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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