

Converting Colors

$Yxy(77.5091, 0.3046, 0.3133)$

Have a look what the booklet for
Yxy(77.5091, 0.3046, 0.3133)
contains.

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Color

Yxy(77.2376, 0.3046, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	E4E2F1
RGB	228, 226, 241
RGB Percent	89%, 89%, 95%
CMY	0.1058, 0.1137, 0.0550
CMYK	0.05, 0.06, 0.00, 0.06
HSL	248°, 35%, 92%
HSV	248°, 6%, 94%
XYZ	75.0688, 77.2376, 94.1441
YIQ	228.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

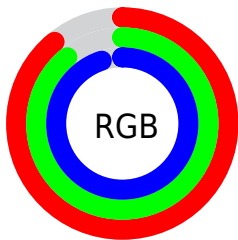
Format	Color
R _Y B	228, 226, 241
Decimal	15000305
CIE Lab	90.43, 3.43, -7.03
CIE LCh	90, 7.823, 295.968
Yxy	77.2376, 0.3046, 0.3134
Android (android.graphics.Color)	4293190385 (0xFFE4E2F1)
YUV	228.3080, 6.2572, -0.2701
Hunter-Lab	87.8849, -1.3289, -1.9932

Details

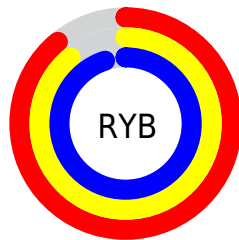
The Yxy color **77.2376, 0.3046, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.7244, 0.3206, 0.3443**, and the grayscale version is **77.7783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5128, 0.3030, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **61.8365, 0.2900, 0.2857**, and if you desaturate by 10%, it is **94.8981, 0.3173, 0.3379**.

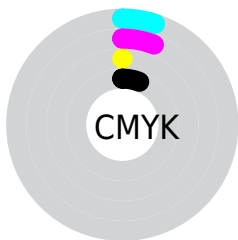
Distribution



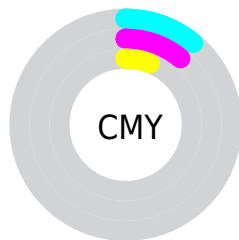
- Red (89%)
- Green (89%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2376, 0.3046, 0.3134 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 77.2376, 0.3046, 0.3134 by changing the saturation by 10% instead.

■ 77.2376, 0.3046,
0.3134

■ 77.2376, 0.3046,
0.3134

485.5737, 0.3083,
0.3205

■ 57.4479, 0.3038,
0.3118

129.4748, 0.3059,
0.3158

■ 41.3650, 0.3027,
0.3099

162.6911, 0.3064,
0.3168

■ 28.6044, 0.3014,
0.3074

201.1518, 0.3068,
0.3176

■ 18.7817, 0.2997,
0.3042

245.2412, 0.3072,
0.3183

■ 11.5127, 0.2973,
0.3000

295.3436, 0.3075,
0.3190

■ 6.4128, 0.2940,
0.2940

351.8436, 0.3078,

■ 3.0977, 0.2888,

0.3195

0.2848

415.1255, 0.3081,
0.3200

■ 1.1829, 0.2797,
0.2693

■ 0.0477, 0.1790,
0.0662

■ 77.2376, 0.3046,
0.3134

■ 77.2376, 0.3046,
0.3134

■ 61.8365, 0.2900,
0.2857

■ 94.8981, 0.3173,
0.3379

■ 48.5939, 0.2734,
0.2551

■ 99.1289, 0.3209,
0.3425

■ 37.4161, 0.2551,
0.2220

■ 28.1983, 0.2355,
0.1875

■ 20.8270, 0.2155,
0.1534

■ 15.1764, 0.1963,
0.1220

■ 11.1051, 0.1794,
0.0956

■ 8.4490, 0.1659,
0.0763

■ 7.0061, 0.1568,
0.0652

Harmonies

Analogous

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



77.2376, 0.2977, 0.3144



77.2376, 0.3046, 0.3134



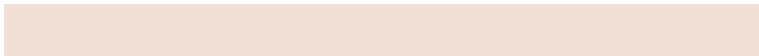
77.2376, 0.3137, 0.3165

Triad

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



77.2376, 0.3046, 0.3134



77.2376, 0.3309, 0.3384



77.2376, 0.3028, 0.3354

Complementary

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



77.2376, 0.3046, 0.3134



86.7244, 0.3206, 0.3443

Split Complementary

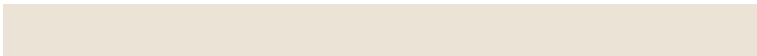
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2376, 0.3115, 0.3421



77.2376, 0.3046, 0.3134



77.2376, 0.3278, 0.3437

Square

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



77.2376, 0.3046, 0.3134



77.2376, 0.3290, 0.3307



77.2376, 0.3207, 0.3451



77.2376, 0.2967, 0.3270

Rectangle

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



77.2376, 0.3046, 0.3134



77.2376, 0.3199, 0.3204



77.2376, 0.3207, 0.3451



77.2376, 0.3055, 0.3379

Sweetspot

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



77.2409, 0.3046, 0.3134



95.9618, 0.3102, 0.3241



84.2349, 0.3031, 0.3269



20.5821, 0.3103, 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.



77.2409, 0.3046, 0.3134



86.3230, 0.3035, 0.3113



78.4876, 0.3097, 0.3137



15.9765, 0.3027, 0.3098



3.6475, 0.1552, 0.0629



0.3353, 0.1647, 0.0681

Inverse Universe

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



79.3187, 0.3147, 0.3159



88.9812, 0.3150, 0.3141



85.4530, 0.3156, 0.3445



16.5121, 0.3152, 0.3129



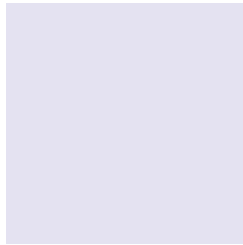
12.6390, 0.3582, 0.1747



1.0615, 0.3525, 0.1716

Previews

White Background



This preview shows how the Yxy color 77.2376, 0.3046, 0.3134 looks on a white background.

Color Contrast Check

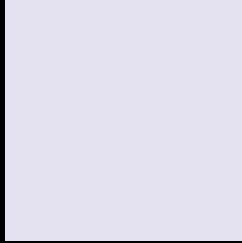
Large Text (above 18pt) WCAG AA × Fail

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 77.2376, 0.3046, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

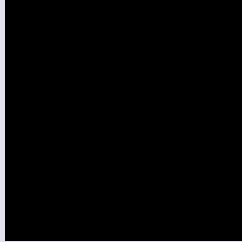
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

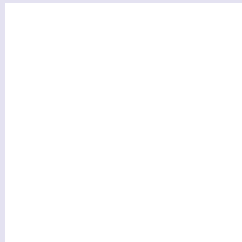
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2376, 0.3046, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 77.2376, 0.3046, 0.3134.

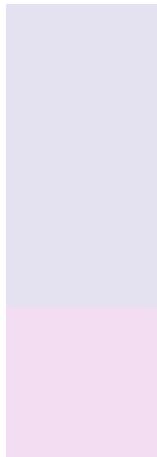


This preview shows how white text looks on a background with the Yxy color 77.2376, 0.3046, 0.3134.

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

77.2376, 0.3046, 0.3134

Protanopia

77.2376, 0.3046, 0.3134

Deuteranopia

77.1784, 0.3144, 0.3078



Tritanopia

77.3578, 0.3033, 0.3113

Trichromacy



Original Color

77.2376, 0.3046, 0.3134

Protanomaly

77.2376, 0.3046, 0.3134

Deuteranomaly

77.3633, 0.3108, 0.3096

Tritanomaly

77.2975, 0.3039, 0.3123

Monochromacy



Original Color

77.2376, 0.3046, 0.3134

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3153, 0.3096, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2376, 0.3046, 0.3134 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, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 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(228, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 241) }
```

Border

The CSS property to change the border of an element to Yxy 77.2376, 0.3046, 0.3134 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, 226, 241) }
```

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

```
.border{ border-color:rgb(228, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(228, 226,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2376, 0.3046, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 241) }
```

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

```
.background{ background-color: rgb(228,  
226, 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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