

Converting Colors

$Yxy(76.8927, 0.3077, 0.3030)$

Have a look what the booklet for
Yxy(76.8927, 0.3077, 0.3030)
contains.

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Color

Yxy(77.1351, 0.3077, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	EEDEF7
RGB	238, 222, 247
RGB Percent	93%, 87%, 97%
CMY	0.0665, 0.1294, 0.0314
CMYK	0.04, 0.10, 0.00, 0.03
HSL	278°, 61%, 92%
HSV	278°, 10%, 97%
XYZ	78.1768, 77.1351, 98.7563
YIQ	229.6340, 1.5110, 11.1670

Conversions

Conversions Part 2

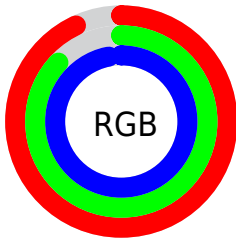
Format	Color
R _Y B	238, 222, 247
Decimal	15654647
CIE Lab	90.38, 9.92, -10.18
CIE LCh	90, 14.212, 314.271
Yxy	77.1351, 0.3077, 0.3036
Android (android.graphics.Color)	4293844727 (0xFFEEDEF7)
YUV	229.6340, 8.5614, 7.3370
Hunter-Lab	87.8266, 5.1911, -5.1898

Details

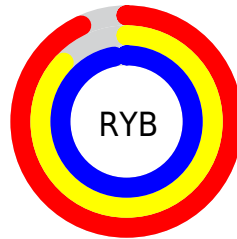
The Yxy color $77.1351, 0.3077, 0.3036$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.7715, 0.3173, 0.3548$, and the grayscale version is $78.7856, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3441, 0.3061, 0.2977$ is the 20% darker color. If you saturate the color by 10%, you get $63.4706, 0.3018, 0.2769$, and if you desaturate by 10%, it is $92.8034, 0.3127, 0.3287$.

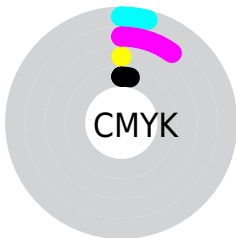
Distribution



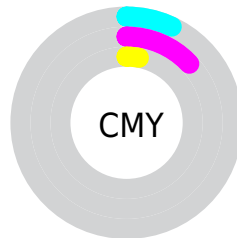
- Red (93%)
- Green (87%)
- Blue (97%)



- Red (93%)
- Yellow (87%)
- Blue (97%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1351, 0.3077, 0.3036 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 77.1351, 0.3077, 0.3036 by changing the saturation by 10% instead.

 77.1351, 0.3077,
0.3036

 77.1351, 0.3077,
0.3036


485.2245, 0.3101,
0.3150

 57.3638, 0.3071,
0.3011


129.3302, 0.3085,
0.3075

 41.2974, 0.3065,
0.2980


162.5227, 0.3089,
0.3090

 28.5515, 0.3056,
0.2941


200.9577, 0.3091,
0.3104

 18.7418, 0.3044,
0.2891

245.0197, 0.3094,
0.3115

 11.4839, 0.3028,
0.2825

295.0930, 0.3096,
0.3126

 6.3933, 0.3004,
0.2733

351.5619, 0.3098,

 3.0857, 0.2966,

0.3135

0.2596

414.8110, 0.3099,
0.3143

■ 1.1766, 0.2897,
0.2371

■ 0.0425, 0.2610,
0.0392

■ 77.1351, 0.3077,
0.3036

■ 77.1351, 0.3077,
0.3036

■ 63.4706, 0.3018,
0.2769

■ 92.8034, 0.3127,
0.3287

■ 51.7156, 0.2950,
0.2490

■ 99.4949, 0.3173,
0.3367

■ 41.7831, 0.2871,
0.2207

■ 33.5752, 0.2784,
0.1931

■ 26.9845, 0.2690,
0.1673

■ 21.8916, 0.2593,
0.1447

■ 18.1595, 0.2494,
0.1265

■ 15.6254, 0.2399,
0.1132

■ 14.0333, 0.2311,
0.1047

Harmonies

Analogous

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



77.1351, 0.2924, 0.3007



77.1351, 0.3077, 0.3036



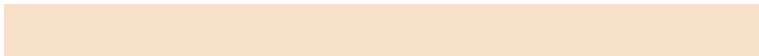
77.1351, 0.3247, 0.3128

Triad

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



77.1351, 0.3077, 0.3036



77.1351, 0.3435, 0.3524



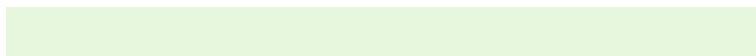
77.1351, 0.2872, 0.3311

Complementary

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



77.1351, 0.3077, 0.3036



88.7715, 0.3173, 0.3548

Split Complementary

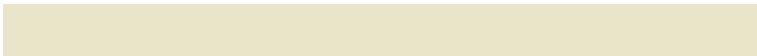
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1351, 0.3004, 0.3461



77.1351, 0.3077, 0.3036



77.1351, 0.3329, 0.3584

Square

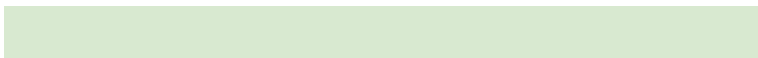
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1351, 0.3077, 0.3036



77.1351, 0.3457, 0.3405



77.1351, 0.3170, 0.3562



77.1351, 0.2809, 0.3161

Rectangle

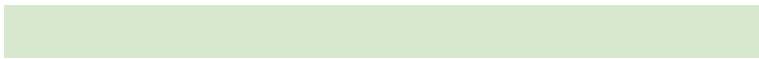
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1351, 0.3077, 0.3036



77.1351, 0.3347, 0.3214



77.1351, 0.3170, 0.3562



77.1351, 0.2910, 0.3364

Sweetspot

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



77.1384, 0.3077, 0.3036



94.6996, 0.3113, 0.3217



79.4859, 0.2969, 0.3125



19.9736, 0.3109, 0.3197



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.



77.1384, 0.3077, 0.3036



79.9859, 0.3067, 0.2986



78.5240, 0.3161, 0.3073



16.4540, 0.3080, 0.3053



7.5051, 0.2325, 0.1055



0.7173, 0.2436, 0.1116

Inverse Universe

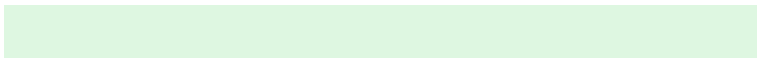
The Inverse Universe completely reimagines the original color for something new.



77.7799, 0.3245, 0.3200



80.8059, 0.3270, 0.3182



87.4998, 0.3095, 0.3517



16.5806, 0.3237, 0.3205



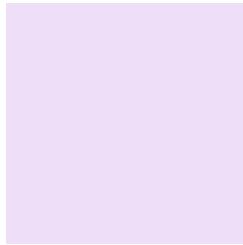
10.8596, 0.5546, 0.2829



0.9734, 0.5201, 0.2639

Previews

White Background



This preview shows how the Yxy color 77.1351, 0.3077, 0.3036 looks on a white background.

Color Contrast Check

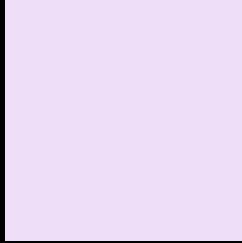
Large Text (above 18pt) WCAG AA × Fail

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 77.1351, 0.3077, 0.3036 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

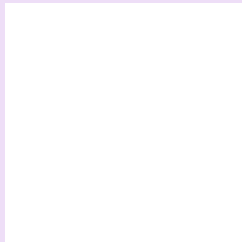
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1351, 0.3077, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 77.1351, 0.3077, 0.3036.

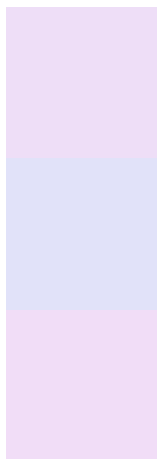


This preview shows how white text looks on a background with the Yxy color 77.1351, 0.3077, 0.3036.

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

77.1351, 0.3077, 0.3036

Protanopia

77.2398, 0.2976, 0.3051

Deuteranopia

77.1291, 0.3098, 0.3027



Tritanopia

77.1308, 0.3108, 0.3106

Trichromacy



Original Color

77.1351, 0.3077, 0.3036

Protanomaly

77.4507, 0.3016, 0.3053

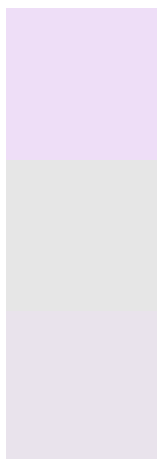
Deuteranomaly

76.9536, 0.3091, 0.3027

Tritanomaly

77.2509, 0.3095, 0.3086

Monochromacy



Original Color

77.1351, 0.3077, 0.3036

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.3179, 0.3111, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1351, 0.3077, 0.3036 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(238, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(238, 222, 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(238, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 222, 247) }
```

Border

The CSS property to change the border of an element to Yxy 77.1351, 0.3077, 0.3036 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(238, 222, 247) }
```

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

```
.border{ border-color:rgb(238, 222, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 222, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(238, 222,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1351, 0.3077, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 222, 247) }
```

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

```
.background{ background-color: rgb(238,  
222, 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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