

Converting Colors

$Y_{xy}(75.2527, 0.3070, 0.3161)$

Have a look what the booklet for
Yxy(75.2527, 0.3070, 0.3161)
contains.

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Color

Yxy(75.0002, 0.3064, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFEC
RGB	226, 223, 236
RGB Percent	89%, 87%, 93%
CMY	0.1139, 0.1254, 0.0745
CMYK	0.04, 0.05, 0.00, 0.07
HSL	254°, 25%, 90%
HSV	254°, 5%, 93%
XYZ	72.8832, 75.0002, 89.9860
YIQ	225.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

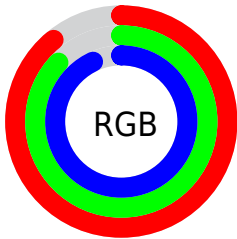
Format	Color
R _Y B	226, 223, 236
Decimal	14868460
CIE Lab	89.39, 3.37, -5.98
CIE LCh	89, 6.859, 299.415
Yxy	75.0002, 0.3064, 0.3153
Android (android.graphics.Color)	4293058540 (0xFFE2DFEC)
YUV	225.3790, 5.2362, 0.5446
Hunter-Lab	86.6027, -1.3324, -0.9844

Details

The Yxy color **75.0002, 0.3064, 0.3153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6466, 0.3188, 0.3425**, and the grayscale version is **75.5434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9585, 0.3054, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **60.4663, 0.2935, 0.2882**, and if you desaturate by 10%, it is **91.6114, 0.3175, 0.3396**.

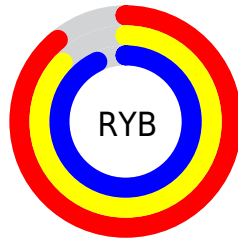
Distribution



Red (89%)

Green (87%)

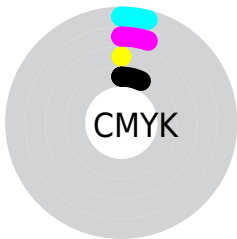
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

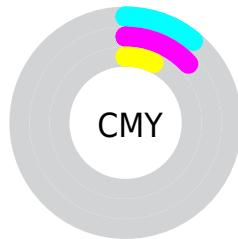


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0002, 0.3064, 0.3153 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 75.0002, 0.3064, 0.3153 by changing the saturation by 10% instead.

■ 75.0002, 0.3064,
0.3153

■ 75.0002, 0.3064,
0.3153

477.9183, 0.3093,
0.3216

■ 55.6131, 0.3057,
0.3139

126.3126, 0.3074,
0.3175

■ 39.8928, 0.3049,
0.3121

159.0067, 0.3078,
0.3183

■ 27.4549, 0.3039,
0.3100

196.9053, 0.3082,
0.3190

■ 17.9152, 0.3025,
0.3071

240.3926, 0.3084,
0.3197

■ 10.8891, 0.3006,
0.3033

289.8532, 0.3087,
0.3202

■ 5.9923, 0.2979,
0.2978

345.6714, 0.3089,

■ 2.8404, 0.2937,

0.3207

0.2894

408.2316, 0.3091,
0.3212

■ 1.0490, 0.2860,
0.2748

■ 0.0000, 0.0506,
0.0000

■ 75.0002, 0.3064,
0.3153

■ 75.0002, 0.3064,
0.3153

■ 60.4663, 0.2935,
0.2882

■ 91.6114, 0.3175,
0.3396

■ 47.9182, 0.2789,
0.2583

■ 98.8358, 0.3238,
0.3473

■ 37.2715, 0.2625,
0.2262

■ 28.4321, 0.2447,
0.1928

■ 21.2977, 0.2262,
0.1597

■ 15.7557, 0.2078,
0.1289

■ 11.6795, 0.1907,
0.1026

■ 8.9227, 0.1762,
0.0826

■ 7.3067, 0.1651,
0.0700

Harmonies

Analogous

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



75.0002, 0.3000, 0.3158



75.0002, 0.3064, 0.3153



75.0002, 0.3146, 0.3184

Triad

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



75.0002, 0.3064, 0.3153



75.0002, 0.3287, 0.3380



75.0002, 0.3031, 0.3338

Complementary

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



75.0002, 0.3064, 0.3153



82.6466, 0.3188, 0.3425

Split Complementary

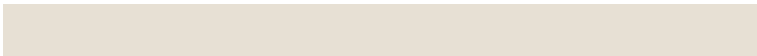
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0002, 0.3107, 0.3400



75.0002, 0.3064, 0.3153



75.0002, 0.3255, 0.3423

Square

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



75.0002, 0.3064, 0.3153



75.0002, 0.3275, 0.3314



75.0002, 0.3189, 0.3431



75.0002, 0.2981, 0.3264

Rectangle

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



75.0002, 0.3064, 0.3153



75.0002, 0.3199, 0.3221



75.0002, 0.3189, 0.3431



75.0002, 0.3055, 0.3361

Sweetspot

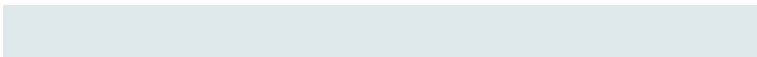
The Sweet Spot groups the original color and five complimentary colors.



75.0034, 0.3064, 0.3153



96.0494, 0.3105, 0.3241



80.1272, 0.3042, 0.3260



20.5999, 0.3106, 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.



75.0034, 0.3064, 0.3153



86.6129, 0.3045, 0.3113



76.0487, 0.3108, 0.3155



15.3170, 0.3039, 0.3099



3.8133, 0.1624, 0.0668



0.3416, 0.1756, 0.0741

Inverse Universe

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



76.5015, 0.3153, 0.3186



88.8766, 0.3160, 0.3157



81.5969, 0.3145, 0.3427



15.7518, 0.3163, 0.3146



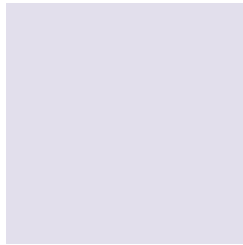
11.7196, 0.3882, 0.1912



0.9346, 0.3770, 0.1850

Previews

White Background



This preview shows how the Yxy color 75.0002, 0.3064, 0.3153 looks on a white background.

Color Contrast Check

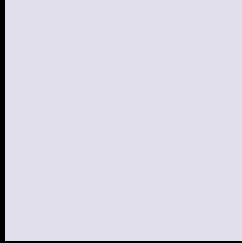
Large Text (above 18pt) WCAG AA × Fail

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 75.0002, 0.3064, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

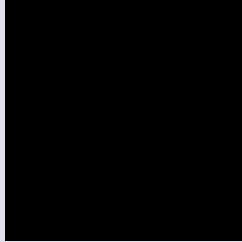
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

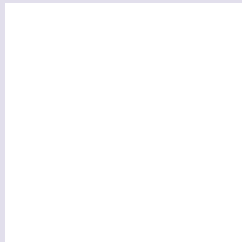
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0002, 0.3064, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 75.0002, 0.3064, 0.3153.

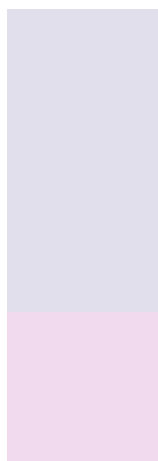


This preview shows how white text looks on a background with the Yxy color 75.0002, 0.3064, 0.3153.

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

75.0002, 0.3064, 0.3153

Protanopia

74.8390, 0.3057, 0.3153

Deuteranopia

74.9580, 0.3165, 0.3096



Tritanopia

74.8647, 0.3046, 0.3101

Trichromacy



Original Color

75.0002, 0.3064, 0.3153

Protanomaly

74.8390, 0.3057, 0.3153

Deuteranomaly

75.1337, 0.3128, 0.3114

Tritanomaly

74.8054, 0.3052, 0.3111

Monochromacy



Original Color

75.0002, 0.3064, 0.3153

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9760, 0.3102, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0002, 0.3064, 0.3153 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(226, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 236)  
}
```

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(226, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.0002, 0.3064, 0.3153 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(226, 223, 236) }
```

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

```
.border{ border-color:rgb(226, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0002, 0.3064, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 236) }
```

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

```
.background{ background-color: rgb(226,  
223, 236) }
```

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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