

Converting Colors

Yxy(75.2113, 0.3064, 0.3004)

Have a look what the booklet for
Yxy(75.2113, 0.3064, 0.3004)
contains.

Yxy(75.2113, 0.3064, 0.3004)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.2113, 0.3064, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	ECDBF7
RGB	236, 219, 247
RGB Percent	93%, 86%, 97%
CMY	0.0744, 0.1412, 0.0315
CMYK	0.04, 0.11, 0.00, 0.03
HSL	277°, 64%, 91%
HSV	277°, 11%, 97%
XYZ	76.7135, 75.2113, 98.4457
YIQ	227.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

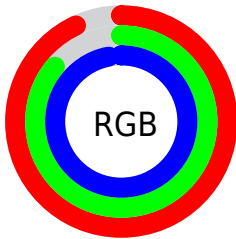
Format	Color
R _Y B	236, 219, 247
Decimal	15522807
CIE _{Lab}	89.49, 10.82, -11.51
CIE _{LCh}	89, 15.801, 313.237
Yxy	75.2113, 0.3064, 0.3004
Android (android.graphics.Color)	4293712887 (0xFFECDBF7)
YUV	227.2750, 9.7244, 7.6518
Hunter-Lab	86.7244, 6.1273, -6.5962

Details

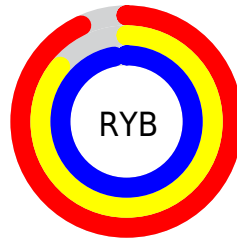
The Yxy color **75.2113, 0.3064, 0.3004** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.4338, 0.3184, 0.3580**, and the grayscale version is **76.9566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0158, 0.3044, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **61.6592, 0.2997, 0.2733**, and if you desaturate by 10%, it is **90.7711, 0.3120, 0.3258**.

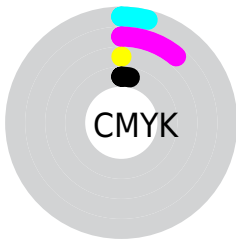
Distribution



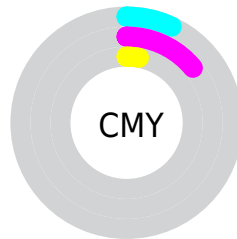
- Red (93%)
- Green (86%)
- Blue (97%)



- Red (93%)
- Yellow (86%)
- Blue (97%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)





- Cyan (7%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2113, 0.3064, 0.3004 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 75.2113, 0.3064, 0.3004 by changing the saturation by 10% instead.


 75.2113, 0.3064,
0.3004

 75.2113, 0.3064,
0.3004


478.6435, 0.3094,
0.3133

 55.7860, 0.3057,
0.2975


126.6114, 0.3075,
0.3048

 40.0314, 0.3048,
0.2940

159.3550, 0.3079,
0.3065

 27.5630, 0.3037,
0.2896


197.3069, 0.3082,
0.3080

 17.9965, 0.3022,
0.2840

240.8514, 0.3085,
0.3094

 10.9475, 0.3001,
0.2765

290.3729, 0.3088,
0.3105

 6.0315, 0.2971,
0.2660

346.2558, 0.3090,

 2.8643, 0.2922,

0.3116

0.2504

408.8846, 0.3092,
0.3125

■ 1.0613, 0.2833,
0.2248

■ 0.0000, 0.2209,
0.0000

■ 75.2113, 0.3064,
0.3004

■ 75.2113, 0.3064,
0.3004

■ 61.6592, 0.2997,
0.2733

■ 90.7711, 0.3120,
0.3258

■ 50.0199, 0.2920,
0.2451

■ 99.4937, 0.3174,
0.3367

■ 40.2051, 0.2833,
0.2164

■ 32.1156, 0.2736,
0.1884

■ 25.6424, 0.2633,
0.1623

■ 20.6637, 0.2526,
0.1396

■ 17.0400, 0.2419,
0.1213

■ 14.6037, 0.2317,
0.1081

■ 13.2252, 0.2235,
0.1005

Harmonies

Analogous

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



75.2113, 0.2895, 0.2974



75.2113, 0.3064, 0.3004



75.2113, 0.3255, 0.3104

Triad

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



75.2113, 0.3064, 0.3004



75.2113, 0.3475, 0.3548



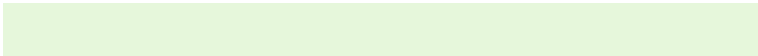
75.2113, 0.2846, 0.3320

Complementary

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



75.2113, 0.3064, 0.3004



88.4338, 0.3184, 0.3580

Split Complementary

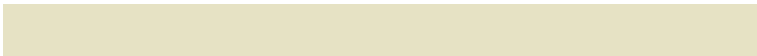
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2113, 0.2994, 0.3487



75.2113, 0.3064, 0.3004



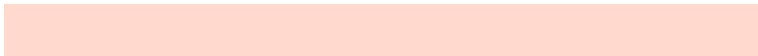
75.2113, 0.3358, 0.3619

Square

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



75.2113, 0.3064, 0.3004



75.2113, 0.3496, 0.3413



75.2113, 0.3182, 0.3598



75.2113, 0.2772, 0.3149

Rectangle

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



75.2113, 0.3064, 0.3004



75.2113, 0.3368, 0.3199



75.2113, 0.3182, 0.3598



75.2113, 0.2888, 0.3379

Sweetspot

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



75.2145, 0.3064, 0.3004



94.6522, 0.3112, 0.3217



78.4735, 0.2950, 0.3114



19.9608, 0.3107, 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.



75.2145, 0.3064, 0.3004



76.7448, 0.3047, 0.2932



76.9754, 0.3159, 0.3038



16.4257, 0.3075, 0.3052



7.0807, 0.2250, 0.1013



0.6817, 0.2368, 0.1078

Inverse Universe

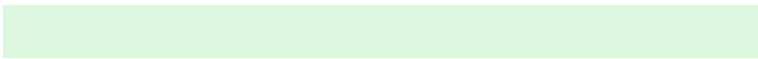
The Inverse Universe completely reimagines the original color for something new.



76.1436, 0.3255, 0.3179



77.9787, 0.3290, 0.3151



86.8278, 0.3097, 0.3556



16.5899, 0.3232, 0.3198



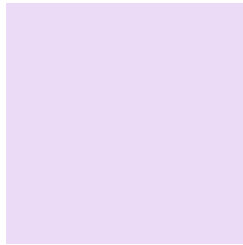
10.9372, 0.5414, 0.2756



0.9808, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 75.2113, 0.3064, 0.3004 looks on a white background.

Color Contrast Check

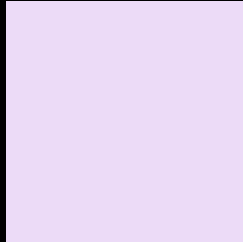
Large Text (above 18pt) WCAG AA × Fail

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 75.2113, 0.3064, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

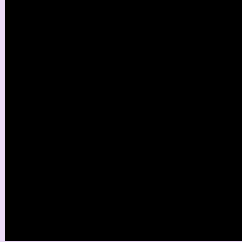
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

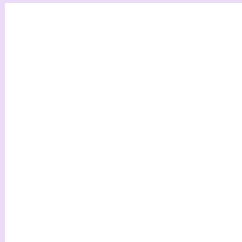
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2113, 0.3064, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 75.2113, 0.3064, 0.3004.

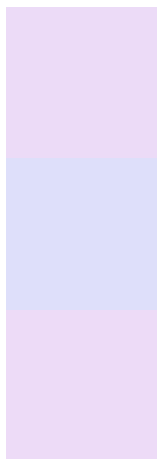


This preview shows how white text looks on a background with the Yxy color 75.2113, 0.3064, 0.3004.

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

75.2113, 0.3064, 0.3004

Protanopia

75.2071, 0.2950, 0.3008

Deuteranopia

75.3830, 0.3071, 0.3004



Tritanopia

75.5481, 0.3114, 0.3114

Trichromacy



Original Color

75.2113, 0.3064, 0.3004

Protanomaly

75.4130, 0.2989, 0.3010

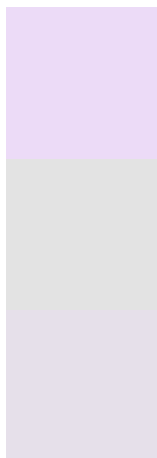
Deuteranomaly

75.3830, 0.3071, 0.3004

Tritanomaly

75.1994, 0.3095, 0.3073

Monochromacy



Original Color

75.2113, 0.3064, 0.3004

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0748, 0.3104, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2113, 0.3064, 0.3004 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(236, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 219, 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(236, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 219, 247) }
```

Border

The CSS property to change the border of an element to Yxy 75.2113, 0.3064, 0.3004 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(236, 219, 247) }
```

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

```
.border{ border-color:rgb(236, 219, 247) }
```

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

Here you see how a box with a 4 pixel rgb(236, 219, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 219,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2113, 0.3064, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 219, 247) }
```

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

```
.background{ background-color: rgb(236,  
219, 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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