

Converting Colors

Yxy(67.7513, 0.3032, 0.3000)

Have a look what the booklet for
Yxy(67.7513, 0.3032, 0.3000)
contains.

Yxy(67.7372, 0.3032, 0.3000)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.7372, 0.3032, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	DED2ED
RGB	222, 210, 237
RGB Percent	87%, 82%, 93%
CMY	0.1294, 0.1765, 0.0705
CMYK	0.06, 0.11, 0.00, 0.07
HSL	267°, 43%, 88%
HSV	267°, 11%, 93%
XYZ	68.4597, 67.7372, 89.5937
YIQ	216.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

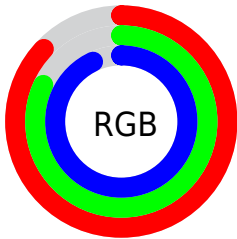
Format	Color
R _Y B	222, 210, 237
Decimal	14602989
CIE Lab	85.87, 9.08, -11.77
CIE LCh	86, 14.864, 307.657
Yxy	67.7372, 0.3032, 0.3000
Android (android.graphics.Color)	4292793069 (0xFFDED2ED)
YUV	216.6660, 10.0247, 4.6779
Hunter-Lab	82.3026, 4.4476, -6.9306

Details

The Yxy color **67.7372, 0.3032, 0.3000** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2351, 0.3214, 0.3578**, and the grayscale version is **69.0812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3286, 0.3011, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **54.8926, 0.2934, 0.2722**, and if you desaturate by 10%, it is **82.4830, 0.3116, 0.3256**.

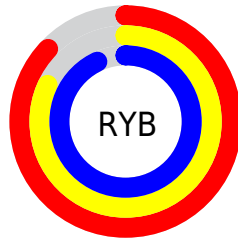
Distribution



Red (87%)

Green (82%)

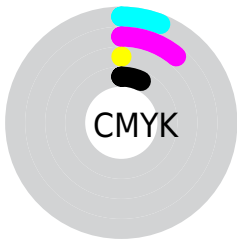
Blue (93%)



Red (87%)

Yellow (82%)

Blue (93%)

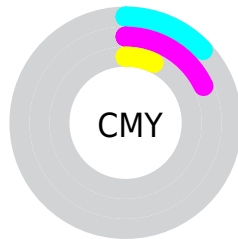


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7372, 0.3032, 0.3000 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 67.7372, 0.3032, 0.3000 by changing the saturation by 10% instead.

67.7372, 0.3032,
0.3000

67.7372, 0.3032,
0.3000

452.5643, 0.3077,
0.3133

49.6840, 0.3021,
0.2970

115.9761, 0.3048,
0.3046

35.1624, 0.3008,
0.2932

146.9306, 0.3054,
0.3064

23.7880, 0.2991,
0.2885

182.9542, 0.3059,
0.3080

15.1764, 0.2968,
0.2824

224.4315, 0.3064,
0.3093

8.9433, 0.2935,
0.2741

271.7467, 0.3068,
0.3105

4.7042, 0.2887,
0.2622

325.2844, 0.3072,

2.0748, 0.2809,

0.3116

0.2439

385.4288, 0.3075,
0.3125

0.6504, 0.2675,
0.2072

0.0000, 0.0000,
0.0000

67.7372, 0.3032,
0.3000

67.7372, 0.3032,
0.3000

54.8926, 0.2934,
0.2722

82.4830, 0.3116,
0.3256

43.8608, 0.2821,
0.2426

97.6529, 0.3190,
0.3466

34.5595, 0.2695,
0.2121

98.8950, 0.3232,
0.3463

26.8962, 0.2558,
0.1816

■ 20.7697, 0.2413,
0.1527

■ 16.0671, 0.2268,
0.1271

■ 12.6589, 0.2128,
0.1061

■ 10.3909, 0.2001,
0.0910

■ 9.1413, 0.1905,
0.0823

Harmonies

Analogous

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



67.7372, 0.2876, 0.2985



67.7372, 0.3032, 0.3000



67.7372, 0.3218, 0.3087

Triad

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



67.7372, 0.3032, 0.3000



67.7372, 0.3477, 0.3521



67.7372, 0.2875, 0.3351

Complementary

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



67.7372, 0.3032, 0.3000



81.2351, 0.3214, 0.3578

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.



67.7372, 0.3030, 0.3507



67.7372, 0.3032, 0.3000



67.7372, 0.3379, 0.3604

Square

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



67.7372, 0.3032, 0.3000



67.7372, 0.3479, 0.3381



67.7372, 0.3215, 0.3601



67.7372, 0.2788, 0.3182

Rectangle

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



67.7372, 0.3032, 0.3000



67.7372, 0.3334, 0.3174



67.7372, 0.3215, 0.3601



67.7372, 0.2921, 0.3407

Sweetspot

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



67.7401, 0.3032, 0.3000



94.4189, 0.3104, 0.3216



73.8330, 0.2950, 0.3163



19.8979, 0.3097, 0.3196



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.



67.7401, 0.3032, 0.3000



75.7314, 0.3007, 0.2928



69.9067, 0.3127, 0.3009



14.8767, 0.3049, 0.3051



5.0655, 0.1922, 0.0832



0.4540, 0.2076, 0.0917

Inverse Universe

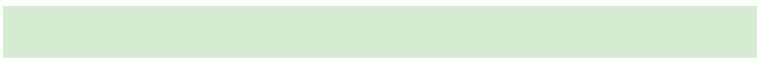
The Inverse Universe completely reimagines the original color for something new.



69.5364, 0.3224, 0.3132



78.3192, 0.3250, 0.3094



79.1950, 0.3125, 0.3586



15.1941, 0.3206, 0.3160



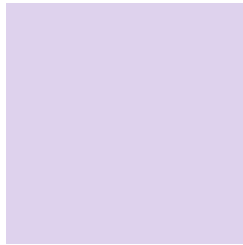
10.7606, 0.4723, 0.2375



0.8643, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 67.7372, 0.3032, 0.3000 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 67.7372, 0.3032, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

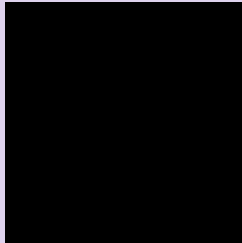
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

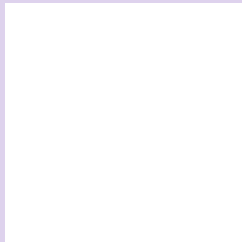
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7372, 0.3032, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 67.7372, 0.3032, 0.3000.



This preview shows how white text looks on a background with the Yxy color 67.7372, 0.3032, 0.3000.

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

67.7372, 0.3032, 0.3000

Protanopia

67.6694, 0.2942, 0.3006

Deuteranopia

67.7229, 0.3054, 0.2991



Tritanopia

67.5621, 0.3085, 0.3105

Trichromacy



Original Color

67.7372, 0.3032, 0.3000

Protanomaly

67.7071, 0.2976, 0.3007

Deuteranomaly

67.5626, 0.3046, 0.2991

Tritanomaly

67.7302, 0.3065, 0.3073

Monochromacy



Original Color

67.7372, 0.3032, 0.3000

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5350, 0.3096, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7372, 0.3032, 0.3000 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(222, 210, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 237)  
}
```

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(222, 210, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 237) }
```

Border

The CSS property to change the border of an element to Yxy 67.7372, 0.3032, 0.3000 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(222, 210, 237) }
```

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

```
.border{ border-color:rgb(222, 210, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 210, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7372, 0.3032, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 237) }
```

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

```
.background{ background-color: rgb(222,  
210, 237) }
```

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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