

Converting Colors

Yxy(71.7784, 0.3048, 0.3114)

Have a look what the booklet for
Yxy(71.7784, 0.3048, 0.3114)
contains.

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Color

Yxy(71.6706, 0.3044, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	DEDAEB
RGB	222, 218, 235
RGB Percent	87%, 85%, 92%
CMY	0.1293, 0.1451, 0.0784
CMYK	0.06, 0.07, 0.00, 0.08
HSL	254°, 30%, 89%
HSV	254°, 7%, 92%
XYZ	70.1948, 71.6706, 88.7350
YIQ	221.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

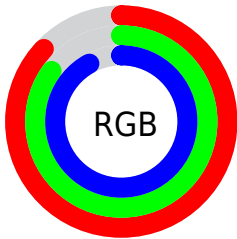
Format	Color
R _{YB}	222, 218, 235
Decimal	14605035
CIE Lab	87.81, 4.50, -7.83
CIE LCh	88, 9.030, 299.860
Yxy	71.6706, 0.3044, 0.3108
Android (android.graphics.Color)	4292795115 (0xFFDEDAEB)
YUV	221.1340, 6.8359, 0.7595
Hunter-Lab	84.6585, -0.1487, -2.8840

Details

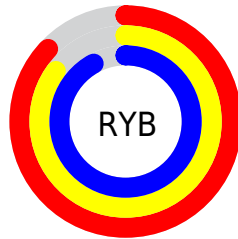
The Yxy color **71.6706, 0.3044, 0.3108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.4696, 0.3207, 0.3469**, and the grayscale version is **72.3614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6645, 0.3027, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **57.6514, 0.2914, 0.2832**, and if you desaturate by 10%, it is **87.7258, 0.3157, 0.3356**.

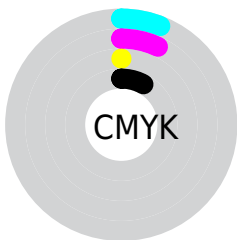
Distribution



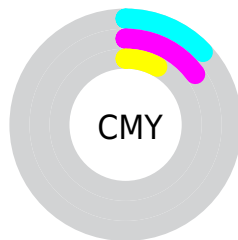
- Red (87%)
- Green (85%)
- Blue (92%)



- Red (87%)
- Yellow (85%)
- Blue (92%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6706, 0.3044, 0.3108 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 71.6706, 0.3044, 0.3108 by changing the saturation by 10% instead.

■ 71.6706, 0.3044,
0.3108

■ 71.6706, 0.3044,
0.3108

466.3943, 0.3083,
0.3192

■ 52.8896, 0.3035,
0.3089

121.5881, 0.3058,
0.3137

■ 37.7147, 0.3024,
0.3066

153.4934, 0.3063,
0.3148

■ 25.7613, 0.3010,
0.3036

190.5423, 0.3067,
0.3158

■ 16.6452, 0.2991,
0.2997

233.1192, 0.3071,
0.3166

■ 9.9818, 0.2965,
0.2945

281.6084, 0.3075,
0.3174

■ 5.3869, 0.2928,
0.2870

336.3944, 0.3078,

■ 2.4760, 0.2868,

0.3181

0.2754

397.8616, 0.3080,
0.3186

0.8646, 0.2758,
0.2551

0.0000, 0.0000,
0.0000

71.6706, 0.3044,
0.3108

71.6706, 0.3044,
0.3108

57.6514, 0.2914,
0.2832

87.7258, 0.3157,
0.3356

45.5772, 0.2766,
0.2529

98.7785, 0.3244,
0.3483

35.3638, 0.2601,
0.2206

26.9172, 0.2423,
0.1873

■ 20.1348, 0.2239,
0.1546

■ 14.9037, 0.2057,
0.1245

■ 11.0962, 0.1891,
0.0992

■ 8.5636, 0.1750,
0.0804

■ 7.1142, 0.1644,
0.0690

Harmonies

Analogous

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



71.6706, 0.2958, 0.3113



71.6706, 0.3044, 0.3108



71.6706, 0.3153, 0.3150

Triad

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



71.6706, 0.3044, 0.3108



71.6706, 0.3341, 0.3411



71.6706, 0.2998, 0.3353

Complementary

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



71.6706, 0.3044, 0.3108



81.4696, 0.3207, 0.3469

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.



71.6706, 0.3098, 0.3437



71.6706, 0.3044, 0.3108



71.6706, 0.3298, 0.3469

Square

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



71.6706, 0.3044, 0.3108



71.6706, 0.3326, 0.3322



71.6706, 0.3208, 0.3479



71.6706, 0.2932, 0.3253

Rectangle

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



71.6706, 0.3044, 0.3108



71.6706, 0.3225, 0.3199



71.6706, 0.3208, 0.3479



71.6706, 0.3029, 0.3384

Sweetspot

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



71.6736, 0.3044, 0.3108



96.0577, 0.3105, 0.3241



78.0772, 0.3015, 0.3247



20.6016, 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.



71.6736, 0.3044, 0.3108



83.0467, 0.3022, 0.3060



73.0426, 0.3103, 0.3111



14.7206, 0.3017, 0.3049



3.8464, 0.1632, 0.0673



0.3450, 0.1767, 0.0747

Inverse Universe

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



73.5753, 0.3162, 0.3154



85.8773, 0.3172, 0.3120



80.0965, 0.3149, 0.3472



15.2494, 0.3174, 0.3112



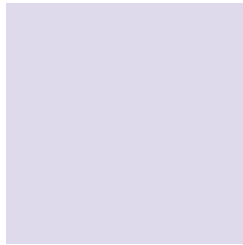
11.6735, 0.3913, 0.1929



0.9313, 0.3795, 0.1864

Previews

White Background



This preview shows how the Yxy color 71.6706, 0.3044, 0.3108 looks on a white background.

Color Contrast Check

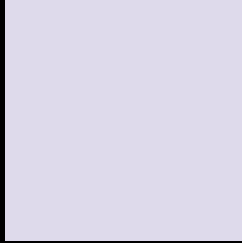
Large Text (above 18pt) WCAG AA × Fail

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 71.6706, 0.3044, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

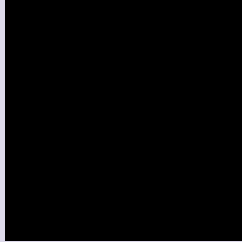
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

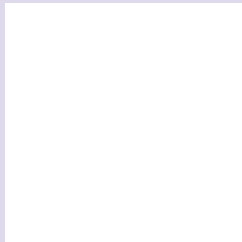
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6706, 0.3044, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 71.6706, 0.3044, 0.3108.

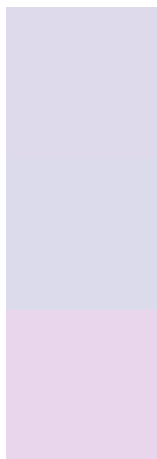


This preview shows how white text looks on a background with the Yxy color 71.6706, 0.3044, 0.3108.

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

71.6706, 0.3044, 0.3108

Protanopia

71.8768, 0.3030, 0.3118

Deuteranopia

71.6417, 0.3124, 0.3060



Tritanopia

71.6706, 0.3044, 0.3108

Trichromacy



Original Color

71.6706, 0.3044, 0.3108

Protanomaly

72.0333, 0.3037, 0.3119

Deuteranomaly

71.4800, 0.3095, 0.3069

Tritanomaly

71.6706, 0.3044, 0.3108

Monochromacy



Original Color

71.6706, 0.3044, 0.3108

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0495, 0.3095, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6706, 0.3044, 0.3108 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, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 235)  
}
```

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, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 235) }
```

Border

The CSS property to change the border of an element to Yxy 71.6706, 0.3044, 0.3108 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, 218, 235) }
```

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

```
.border{ border-color:rgb(222, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6706, 0.3044, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 235) }
```

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

```
.background{ background-color: rgb(222,  
218, 235) }
```

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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