

Converting Colors

Yxy(74.4781, 0.3115, 0.3044)

Have a look what the booklet for
Yxy(74.4781, 0.3115, 0.3044)
contains.

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Color

Yxy(74.7308, 0.3110, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	EEDAF2
RGB	238, 218, 242
RGB Percent	93%, 85%, 95%
CMY	0.0668, 0.1450, 0.0509
CMYK	0.02, 0.10, 0.00, 0.05
HSL	290°, 48%, 90%
HSV	290°, 10%, 95%
XYZ	76.3511, 74.7308, 94.4201
YIQ	226.7160, 4.2160, 11.7040

Conversions

Conversions Part 2

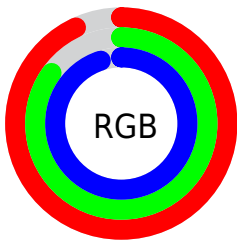
Format	Color
R _Y B	238, 218, 242
Decimal	15653618
CIE Lab	89.27, 11.06, -9.23
CIE LCh	89, 14.403, 320.165
Yxy	74.7308, 0.3110, 0.3044
Android (android.graphics.Color)	4293843698 (0xFFEEDAF2)
YUV	226.7160, 7.5350, 9.8961
Hunter-Lab	86.4470, 6.3713, -4.2455

Details

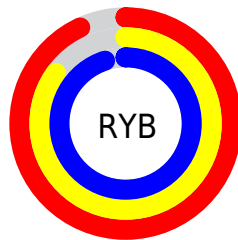
The Yxy color **74.7308, 0.3110, 0.3044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.1207, 0.3142, 0.3544**, and the grayscale version is **76.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6846, 0.3105, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **62.3837, 0.3088, 0.2785**, and if you desaturate by 10%, it is **88.9331, 0.3127, 0.3292**.

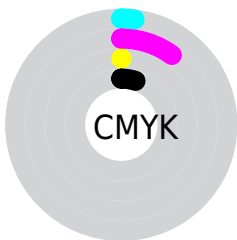
Distribution



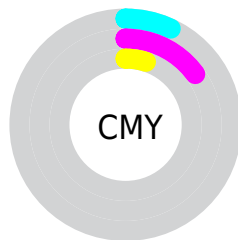
- Red (93%)
- Green (85%)
- Blue (95%)



- Red (93%)
- Yellow (85%)
- Blue (95%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7308, 0.3110, 0.3044 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 74.7308, 0.3110, 0.3044 by changing the saturation by 10% instead.


 74.7308, 0.3110,
0.3044

 74.7308, 0.3110,
0.3044


476.9918, 0.3119,
0.3155

 55.3924, 0.3108,
0.3019


125.9312, 0.3113,
0.3082

 39.7160, 0.3105,
0.2989


158.5620, 0.3114,
0.3097

 27.3172, 0.3101,
0.2951


196.3924, 0.3115,
0.3110

 17.8116, 0.3096,
0.2902

239.8067, 0.3116,
0.3121

 10.8148, 0.3089,
0.2836

289.1895, 0.3117,
0.3131

 5.9424, 0.3078,
0.2744

344.9249, 0.3118,

 2.8101, 0.3058,

0.3140

0.2606

407.3976, 0.3118,
0.3148

■ 1.0334, 0.3019,
0.2376

■ 0.0000, 0.2573,
0.0000

■ 74.7308, 0.3110,
0.3044

■ 74.7308, 0.3110,
0.3044

■ 62.3837, 0.3088,
0.2785

■ 88.9331, 0.3127,
0.3292

■ 51.8031, 0.3062,
0.2522

■ 97.5511, 0.3147,
0.3417

■ 42.9071, 0.3031,
0.2262

■ 98.2997, 0.3173,
0.3416

■ 35.6038, 0.2995,
0.2016

■ 99.0646, 0.3198,
0.3415

■ 29.7923, 0.2955,
0.1794

■ 99.1921, 0.3203,
0.3415

■ 25.3601, 0.2912,
0.1607

■ 22.1786, 0.2868,
0.1462

■ 20.0946, 0.2823,
0.1363

■ 18.8540, 0.2778,
0.1304

Harmonies

Analogous

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



74.7308, 0.2947, 0.3001



74.7308, 0.3110, 0.3044



74.7308, 0.3282, 0.3148

Triad

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



74.7308, 0.3110, 0.3044



74.7308, 0.3427, 0.3548



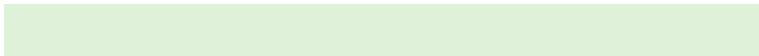
74.7308, 0.2847, 0.3280

Complementary

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



74.7308, 0.3110, 0.3044



84.1207, 0.3142, 0.3544

Split Complementary

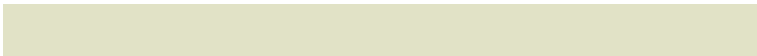
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7308, 0.2970, 0.3437



74.7308, 0.3110, 0.3044



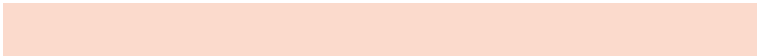
74.7308, 0.3305, 0.3594

Square

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



74.7308, 0.3110, 0.3044



74.7308, 0.3468, 0.3435



74.7308, 0.3137, 0.3554



74.7308, 0.2798, 0.3131

Rectangle

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



74.7308, 0.3110, 0.3044



74.7308, 0.3378, 0.3240



74.7308, 0.3137, 0.3554



74.7308, 0.2881, 0.3334

Sweetspot

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



74.7340, 0.3110, 0.3044



94.9714, 0.3122, 0.3217



73.7843, 0.2972, 0.3081



20.0472, 0.3121, 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.



74.7340, 0.3110, 0.3044



81.0387, 0.3106, 0.2990



74.9967, 0.3189, 0.3122



15.8883, 0.3111, 0.3055



10.1741, 0.2785, 0.1308



0.8818, 0.2844, 0.1340

Inverse Universe

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



74.3100, 0.3274, 0.3248



80.4757, 0.3310, 0.3239



83.8946, 0.3070, 0.3464



15.8024, 0.3267, 0.3250



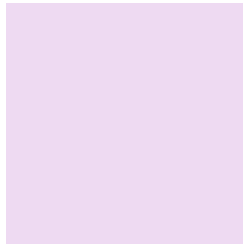
10.2401, 0.6151, 0.3162



0.8644, 0.5816, 0.2978

Previews

White Background



This preview shows how the Yxy color 74.7308, 0.3110, 0.3044 looks on a white background.

Color Contrast Check

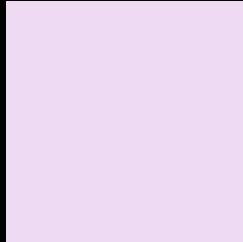
Large Text (above 18pt) WCAG AA × Fail

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 74.7308, 0.3110, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

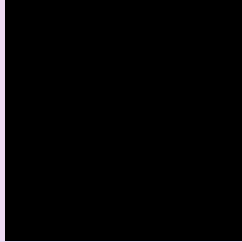
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

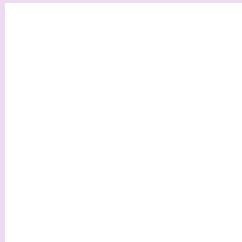
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7308, 0.3110, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 74.7308, 0.3110, 0.3044.

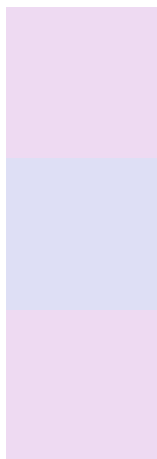


This preview shows how white text looks on a background with the Yxy color 74.7308, 0.3110, 0.3044.

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

74.7308, 0.3110, 0.3044

Protanopia

74.8975, 0.2981, 0.3058

Deuteranopia

74.7308, 0.3110, 0.3044



Tritanopia

74.7237, 0.3142, 0.3114

Trichromacy



Original Color

74.7308, 0.3110, 0.3044

Protanomaly

74.7385, 0.3027, 0.3050

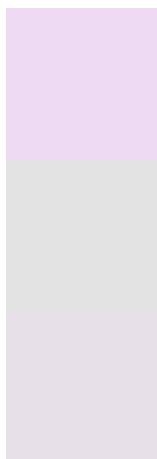
Deuteranomaly

74.7308, 0.3110, 0.3044

Tritanomaly

74.8406, 0.3129, 0.3094

Monochromacy



Original Color

74.7308, 0.3110, 0.3044

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1264, 0.3124, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7308, 0.3110, 0.3044 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, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(238, 218, 242)  
}
```

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, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.7308, 0.3110, 0.3044 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, 218, 242) }
```

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

```
.border{ border-color:rgb(238, 218, 242) }
```

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

Here you see how a box with a 4 pixel rgb(238, 218, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 218,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7308, 0.3110, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 218, 242) }
```

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

```
.background{ background-color: rgb(238,  
218, 242) }
```

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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