

Converting Colors

$Y_{xy}(74.7910, 0.3104, 0.3034)$

Have a look what the booklet for
Yxy(74.7910, 0.3104, 0.3034)
contains.

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Color

Yxy(74.7910, 0.3104, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	EEDAF3
RGB	238, 218, 243
RGB Percent	93%, 85%, 95%
CMY	0.0666, 0.1451, 0.0470
CMYK	0.02, 0.10, 0.00, 0.05
HSL	288°, 51%, 90%
HSV	288°, 10%, 95%
XYZ	76.5166, 74.7910, 95.2020
YIQ	226.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

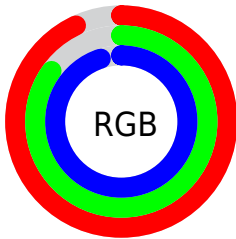
Format	Color
R _Y B	238, 218, 243
Decimal	15653619
CIE Lab	89.30, 11.27, -9.70
CIE LCh	89, 14.874, 319.283
Yxy	74.7910, 0.3104, 0.3034
Android (android.graphics.Color)	4293843699 (0xFFEEDAF3)
YUV	226.8300, 7.9718, 9.7961
Hunter-Lab	86.4818, 6.5885, -4.7311

Details

The Yxy color **74.7910, 0.3104, 0.3034** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8511, 0.3147, 0.3554**, and the grayscale version is **76.6294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7273, 0.3096, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **62.2755, 0.3076, 0.2774**, and if you desaturate by 10%, it is **89.1831, 0.3127, 0.3283**.

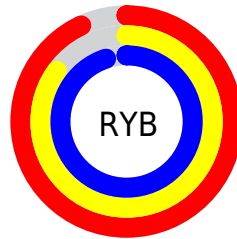
Distribution



Red (93%)

Green (85%)

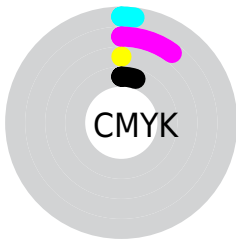
Blue (95%)



Red (93%)

Yellow (85%)

Blue (95%)

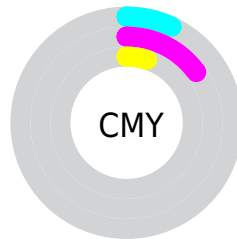


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (7%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7910, 0.3104, 0.3034 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 74.7910, 0.3104, 0.3034 by changing the saturation by 10% instead.


 74.7910, 0.3104,
0.3034

 74.7910, 0.3104,
0.3034

477.1989, 0.3116,
0.3150

 55.4417, 0.3101,
0.3008


126.0165, 0.3108,
0.3074

 39.7555, 0.3098,
0.2977


158.6614, 0.3110,
0.3089

 27.3479, 0.3093,
0.2937


196.5070, 0.3111,
0.3103

 17.8347, 0.3086,
0.2886

239.9377, 0.3112,
0.3114

 10.8314, 0.3077,
0.2818

289.3378, 0.3113,
0.3125

 5.9536, 0.3063,
0.2723

345.0918, 0.3114,

 2.8169, 0.3040,

0.3134

0.2581

407.5840, 0.3115,
0.3142

1.0369, 0.2993,
0.2344

0.0000, 0.2531,
0.0000

74.7910, 0.3104,
0.3034

74.7910, 0.3104,
0.3034

62.2755, 0.3076,
0.2774

89.1831, 0.3127,
0.3283

51.5466, 0.3043,
0.2508

97.8936, 0.3151,
0.3407

42.5215, 0.3004,
0.2245

98.7877, 0.3181,
0.3406

35.1069, 0.2960,
0.1994

99.2515, 0.3197,
0.3405

■ 29.2004, 0.2911,
0.1768

■ 24.6878, 0.2859,
0.1576

■ 21.4384, 0.2806,
0.1426

■ 19.2963, 0.2752,
0.1323

■ 18.0260, 0.2701,
0.1262

Harmonies

Analogous

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



74.7910, 0.2936, 0.2991



74.7910, 0.3104, 0.3034



74.7910, 0.3282, 0.3140

Triad

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



74.7910, 0.3104, 0.3034



74.7910, 0.3439, 0.3553



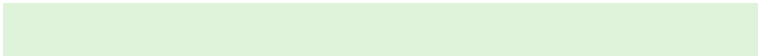
74.7910, 0.2841, 0.3285

Complementary

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



74.7910, 0.3104, 0.3034



84.8511, 0.3147, 0.3554

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.



74.7910, 0.2970, 0.3447



74.7910, 0.3104, 0.3034



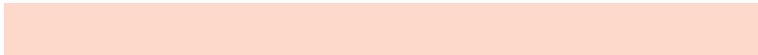
74.7910, 0.3315, 0.3603

Square

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



74.7910, 0.3104, 0.3034



74.7910, 0.3479, 0.3435



74.7910, 0.3142, 0.3565



74.7910, 0.2788, 0.3130

Rectangle

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



74.7910, 0.3104, 0.3034



74.7910, 0.3382, 0.3234



74.7910, 0.3142, 0.3565



74.7910, 0.2877, 0.3340

Sweetspot

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



74.7942, 0.3104, 0.3034



94.9282, 0.3121, 0.3217



74.1505, 0.2966, 0.3077



20.0355, 0.3119, 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.



74.7942, 0.3104, 0.3034



80.8697, 0.3100, 0.2989



75.2238, 0.3189, 0.3111



16.5920, 0.3106, 0.3055



9.9506, 0.2710, 0.1266



0.9159, 0.2775, 0.1303

Inverse Universe

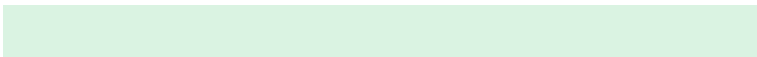
The Inverse Universe completely reimagines the original color for something new.



74.5228, 0.3275, 0.3239



80.5273, 0.3303, 0.3230



84.4739, 0.3070, 0.3475



16.5364, 0.3262, 0.3243



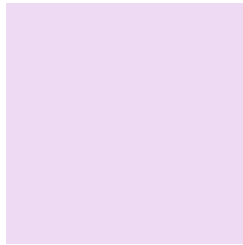
10.5918, 0.6078, 0.3122



0.9449, 0.5747, 0.2939

Previews

White Background



This preview shows how the Yxy color 74.7910, 0.3104, 0.3034 looks on a white background.

Color Contrast Check

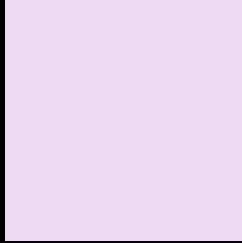
Large Text (above 18pt) WCAG AA × Fail

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 74.7910, 0.3104, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

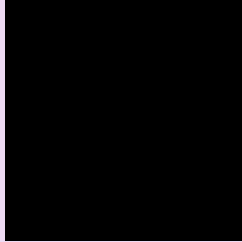
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

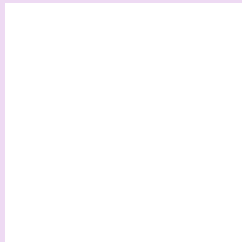
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7910, 0.3104, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 74.7910, 0.3104, 0.3034.

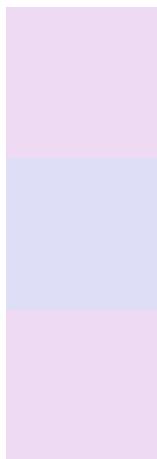


This preview shows how white text looks on a background with the Yxy color 74.7910, 0.3104, 0.3034.

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

74.7910, 0.3104, 0.3034

Protanopia

74.9588, 0.2975, 0.3048

Deuteranopia

74.7910, 0.3104, 0.3034



Tritanopia

74.7237, 0.3142, 0.3114

Trichromacy



Original Color

74.7910, 0.3104, 0.3034

Protanomaly

74.7995, 0.3021, 0.3040

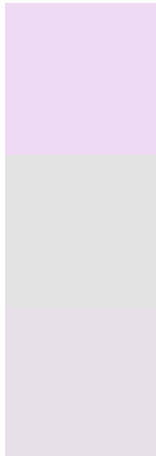
Deuteranomaly

74.7910, 0.3104, 0.3034

Tritanomaly

74.8996, 0.3123, 0.3084

Monochromacy



Original Color

74.7910, 0.3104, 0.3034

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1834, 0.3118, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7910, 0.3104, 0.3034 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 218, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 243) }
```

Border

The CSS property to change the border of an element to Yxy 74.7910, 0.3104, 0.3034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

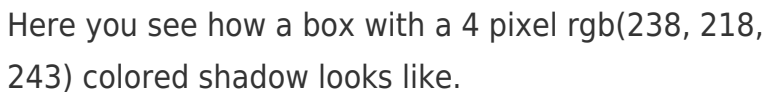
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 218, 243) }
```

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

```
.border{ border-color:rgb(238, 218, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 218, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 218, 243); box-shadow:4px 4px 4px 4px rgb(238, 218, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7910, 0.3104, 0.3034 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, 243) }
```

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

```
.background{ background-color: rgb(238,  
218, 243) }
```

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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