

Converting Colors

Yxy(74.1642, 0.3150, 0.3166)

Have a look what the booklet for
Yxy(74.1642, 0.3150, 0.3166)
contains.

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Color

Yxy(74.4483, 0.3154, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	EADCE7
RGB	234, 220, 231
RGB Percent	92%, 86%, 91%
CMY	0.0822, 0.1373, 0.0941
CMYK	0.00, 0.06, 0.01, 0.08
HSL	313°, 25%, 89%
HSV	313°, 6%, 92%
XYZ	73.9559, 74.4483, 86.0786
YIQ	225.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

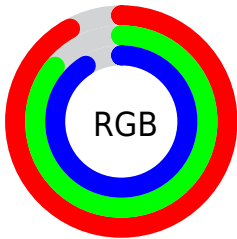
Format	Color
R _Y B	234, 220, 231
Decimal	15391975
CIE Lab	89.13, 6.72, -3.67
CIE LCh	89, 7.655, 331.393
Yxy	74.4483, 0.3154, 0.3175
Android (android.graphics.Color)	4293582055 (0xFFEADCE7)
YUV	225.4400, 2.7411, 7.5071
Hunter-Lab	86.2834, 2.0012, 1.2491

Details

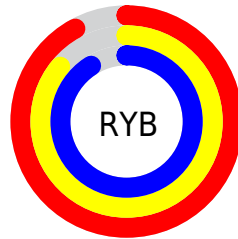
The Yxy color **74.4483, 0.3154, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.4050, 0.3101, 0.3408**, and the grayscale version is **75.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4704, 0.3161, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **62.7347, 0.3205, 0.2977**, and if you desaturate by 10%, it is **87.8961, 0.3111, 0.3365**.

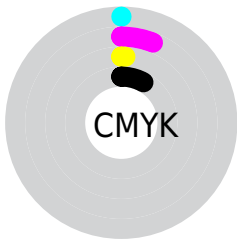
Distribution



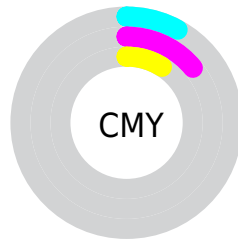
- Red (92%)
- Green (86%)
- Blue (91%)



- Red (92%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4483, 0.3154, 0.3175 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 74.4483, 0.3154, 0.3175 by changing the saturation by 10% instead.


 74.4483, 0.3154,
0.3175

 74.4483, 0.3154,
0.3175


476.0192, 0.3142,
0.3228

 55.1610, 0.3157,
0.3163


125.5311, 0.3150,
0.3193

 39.5307, 0.3160,
0.3149


158.0954, 0.3148,
0.3200

 27.1728, 0.3164,
0.3130


195.8542, 0.3147,
0.3206

 17.7030, 0.3170,
0.3106

239.1919, 0.3146,
0.3212

 10.7370, 0.3177,
0.3074

288.4928, 0.3144,
0.3216

 5.8903, 0.3187,
0.3028

344.1414, 0.3144,

 2.7785, 0.3202,

0.3221

0.2957

406.5221, 0.3143,
0.3224

■ 1.0172, 0.3227,
0.2835

■ 0.0000, 0.3244,
0.0000

■ 74.4483, 0.3154,
0.3175

■ 74.4483, 0.3154,
0.3175

■ 62.7347, 0.3205,
0.2977

■ 87.8961, 0.3111,
0.3365

■ 52.6745, 0.3263,
0.2774

■ 95.3728, 0.3077,
0.3429

■ 44.1950, 0.3329,
0.2572

■ 95.6780, 0.3049,
0.3378

■ 37.2140, 0.3403,
0.2381

■ 95.9917, 0.3021,
0.3328

■ 31.6421, 0.3483,
0.2208

■ 96.2371, 0.3000,
0.3290

■ 27.3805, 0.3567,
0.2065

■ 24.3172, 0.3653,
0.1961

■ 22.3218, 0.3738,
0.1903

■ 21.2325, 0.3820,
0.1892

Harmonies

Analogous

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



74.4483, 0.3062, 0.3138



74.4483, 0.3154, 0.3175



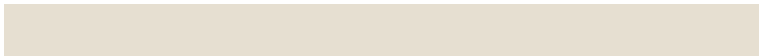
74.4483, 0.3240, 0.3242

Triad

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



74.4483, 0.3154, 0.3175



74.4483, 0.3267, 0.3441



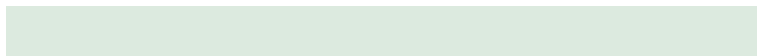
74.4483, 0.2962, 0.3255

Complementary

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



74.4483, 0.3154, 0.3175



79.4050, 0.3101, 0.3408

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.



74.4483, 0.3015, 0.3339



74.4483, 0.3154, 0.3175



74.4483, 0.3191, 0.3447

Square

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



74.4483, 0.3154, 0.3175



74.4483, 0.3305, 0.3395



74.4483, 0.3099, 0.3410



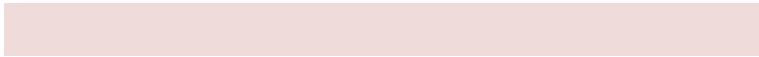
74.4483, 0.2952, 0.3183

Rectangle

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



74.4483, 0.3154, 0.3175



74.4483, 0.3281, 0.3295



74.4483, 0.3099, 0.3410



74.4483, 0.2975, 0.3283

Sweetspot

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



74.4515, 0.3154, 0.3175



96.7186, 0.3136, 0.3252



72.7831, 0.3055, 0.3140



20.7361, 0.3135, 0.3254



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.



74.4515, 0.3154, 0.3175



88.8904, 0.3159, 0.3155



74.0745, 0.3200, 0.3246



15.7544, 0.3161, 0.3144



11.7856, 0.3840, 0.1889



0.9392, 0.3735, 0.1831

Inverse Universe

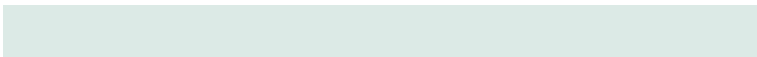
The Inverse Universe completely reimagines the original color for something new.



74.4515, 0.3154, 0.3175



88.8904, 0.3159, 0.3155



79.7795, 0.3060, 0.3335



15.7544, 0.3161, 0.3144



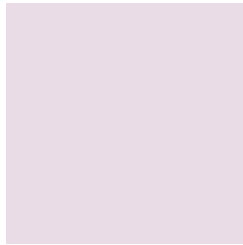
11.7856, 0.3840, 0.1889



0.9392, 0.3735, 0.1831

Previews

White Background



This preview shows how the Yxy color 74.4483, 0.3154, 0.3175 looks on a white background.

Color Contrast Check

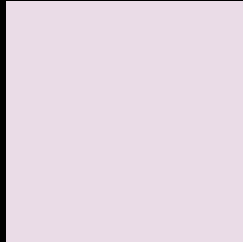
Large Text (above 18pt) WCAG AA × Fail

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 74.4483, 0.3154, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

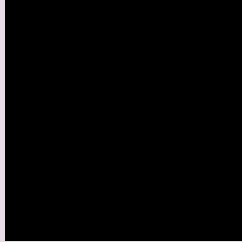
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

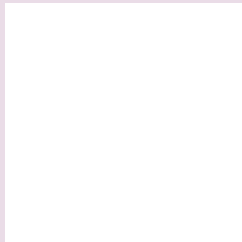
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4483, 0.3154, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 74.4483, 0.3154, 0.3175.

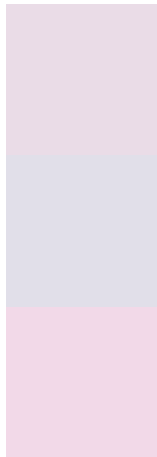


This preview shows how white text looks on a background with the Yxy color 74.4483, 0.3154, 0.3175.

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

74.4483, 0.3154, 0.3175

Protanopia

74.6661, 0.3076, 0.3184

Deuteranopia

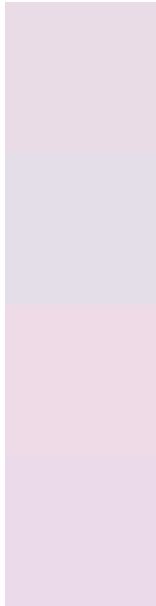
74.3291, 0.3206, 0.3136



Tritanopia

74.3813, 0.3128, 0.3114

Trichromacy



Original Color

74.4483, 0.3154, 0.3175

Protanomaly

74.5627, 0.3104, 0.3184

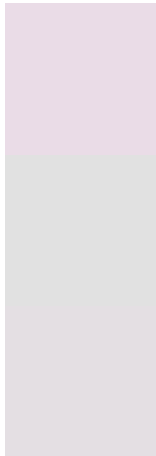
Deuteranomaly

74.3197, 0.3184, 0.3145

Tritanomaly

74.2657, 0.3142, 0.3134

Monochromacy



Original Color

74.4483, 0.3154, 0.3175

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8154, 0.3136, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4483, 0.3154, 0.3175 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(234, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 231)  
}
```

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(234, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.4483, 0.3154, 0.3175 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(234, 220, 231) }
```

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

```
.border{ border-color:rgb(234, 220, 231) }
```

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

Here you see how a box with a 4 pixel rgb(234, 220, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4483, 0.3154, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 231) }
```

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

```
.background{ background-color: rgb(234,  
220, 231) }
```

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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