

Converting Colors

$Yxy(74.2412, 0.3084, 0.3076)$

Have a look what the booklet for
Yxy(74.2412, 0.3084, 0.3076)
contains.

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Color

Yxy(74.1101, 0.3081, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBF0
RGB	232, 219, 240
RGB Percent	91%, 86%, 94%
CMY	0.0903, 0.1411, 0.0589
CMYK	0.03, 0.09, 0.00, 0.06
HSL	277°, 41%, 90%
HSV	277°, 9%, 94%
XYZ	74.3272, 74.1101, 92.8065
YIQ	225.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

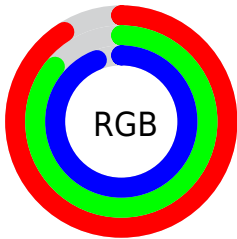
Format	Color
R _{YB}	232, 219, 240
Decimal	15260656
CIE Lab	88.97, 8.18, -8.64
CIE LCh	89, 11.893, 313.427
Yxy	74.1101, 0.3081, 0.3072
Android (android.graphics.Color)	4293450736 (0xFFE8DBF0)
YUV	225.2810, 7.2565, 5.8926
Hunter-Lab	86.0872, 3.4632, -3.6566

Details

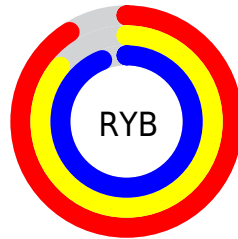
The Yxy color $74.1101, 0.3081, 0.3072$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.7579, 0.3170, 0.3510$, and the grayscale version is $75.4523, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2417, 0.3066, 0.3021$ is the 20% darker color. If you saturate the color by 10%, you get $60.9852, 0.3019, 0.2806$, and if you desaturate by 10%, it is $89.1265, 0.3133, 0.3320$.

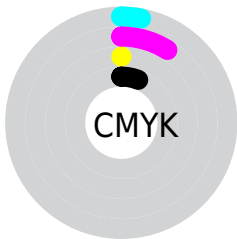
Distribution



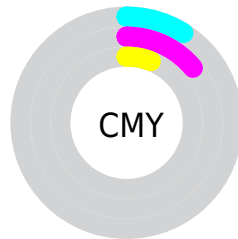
- Red (91%)
- Green (86%)
- Blue (94%)



- Red (91%)
- Yellow (86%)
- Blue (94%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)





- Cyan (9%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1101, 0.3081, 0.3072 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 74.1101, 0.3081, 0.3072 by changing the saturation by 10% instead.


 74.1101, 0.3081,
0.3072

 74.1101, 0.3081,
0.3072

474.8533, 0.3103,
0.3171

 54.8842, 0.3076,
0.3050


125.0519, 0.3089,
0.3106

 39.3090, 0.3069,
0.3022

157.5365, 0.3092,
0.3119

 27.0002, 0.3061,
0.2988


195.2094, 0.3094,
0.3131

 17.5734, 0.3050,
0.2944

238.4552, 0.3096,
0.3141

 10.6441, 0.3035,
0.2885

287.6580, 0.3098,
0.3150

 5.8281, 0.3013,
0.2801

343.2024, 0.3100,

 2.7408, 0.2977,

0.3158

0.2673

405.4727, 0.3102,
0.3165

0.9980, 0.2910,
0.2458

0.0000, 0.1603,
0.0000

74.1101, 0.3081,
0.3072

74.1101, 0.3081,
0.3072

60.9852, 0.3019,
0.2806

89.1265, 0.3133,
0.3320

49.6643, 0.2947,
0.2527

98.1914, 0.3185,
0.3436

40.0667, 0.2864,
0.2242

99.0699, 0.3215,
0.3435

32.1023, 0.2772,
0.1961

■ 25.6720, 0.2673,
0.1696

■ 20.6662, 0.2569,
0.1460

■ 16.9597, 0.2465,
0.1266

■ 14.4049, 0.2364,
0.1122

■ 12.7851, 0.2269,
0.1028

Harmonies

Analogous

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



74.1101, 0.2952, 0.3050



74.1101, 0.3081, 0.3072



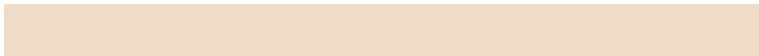
74.1101, 0.3225, 0.3149

Triad

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



74.1101, 0.3081, 0.3072



74.1101, 0.3389, 0.3487



74.1101, 0.2913, 0.3313

Complementary

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



74.1101, 0.3081, 0.3072



83.7579, 0.3170, 0.3510

Split Complementary

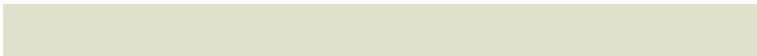
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1101, 0.3026, 0.3437



74.1101, 0.3081, 0.3072



74.1101, 0.3302, 0.3538

Square

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



74.1101, 0.3081, 0.3072



74.1101, 0.3406, 0.3385



74.1101, 0.3168, 0.3521



74.1101, 0.2857, 0.3184

Rectangle

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



74.1101, 0.3081, 0.3072



74.1101, 0.3310, 0.3222



74.1101, 0.3168, 0.3521



74.1101, 0.2946, 0.3356

Sweetspot

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



74.1133, 0.3081, 0.3072



94.6655, 0.3112, 0.3217



76.3202, 0.2992, 0.3153



19.9644, 0.3108, 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.



74.1133, 0.3081, 0.3072



82.9939, 0.3074, 0.3038



75.3399, 0.3153, 0.3100



15.7122, 0.3077, 0.3053



6.9832, 0.2272, 0.1025



0.6379, 0.2394, 0.1092

Inverse Universe

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



74.7420, 0.3224, 0.3207



83.8223, 0.3240, 0.3195



82.6151, 0.3102, 0.3487



15.8588, 0.3233, 0.3200



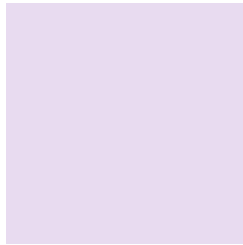
10.5854, 0.5449, 0.2776



0.8994, 0.5094, 0.2580

Previews

White Background



This preview shows how the Yxy color 74.1101, 0.3081, 0.3072 looks on a white background.

Color Contrast Check

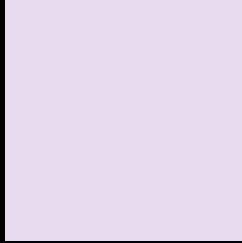
Large Text (above 18pt) WCAG AA × Fail

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 74.1101, 0.3081, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

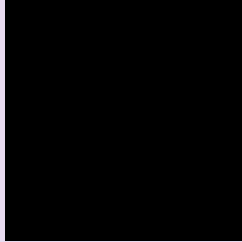
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

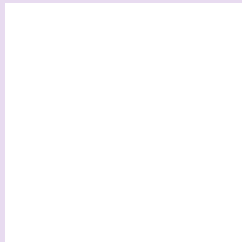
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1101, 0.3081, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 74.1101, 0.3081, 0.3072.



This preview shows how white text looks on a background with the Yxy color 74.1101, 0.3081, 0.3072.

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

74.1101, 0.3081, 0.3072

Protanopia

74.1830, 0.2999, 0.3079

Deuteranopia

73.9215, 0.3117, 0.3053



Tritanopia

74.2897, 0.3093, 0.3112

Trichromacy



Original Color

74.1101, 0.3081, 0.3072

Protanomaly

74.2325, 0.3033, 0.3080

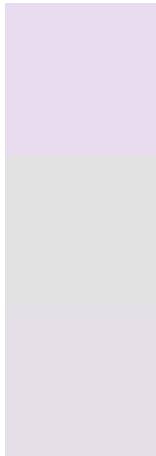
Deuteranomaly

74.0962, 0.3102, 0.3063

Tritanomaly

74.3484, 0.3087, 0.3102

Monochromacy



Original Color

74.1101, 0.3081, 0.3072

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9825, 0.3117, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1101, 0.3081, 0.3072 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(232, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 240)  
}
```

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(232, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.1101, 0.3081, 0.3072 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(232, 219, 240) }
```

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

```
.border{ border-color:rgb(232, 219, 240) }
```

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

Here you see how a box with a 4 pixel rgb(232, 219, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1101, 0.3081, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 240) }
```

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

```
.background{ background-color: rgb(232,  
219, 240) }
```

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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