

Converting Colors

$Yxy(74.3156, 0.3105, 0.3050)$

Have a look what the booklet for
Yxy(74.3156, 0.3105, 0.3050)
contains.

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Color

Yxy(74.3265, 0.3103, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	ECDAF1
RGB	236, 218, 241
RGB Percent	93%, 85%, 95%
CMY	0.0745, 0.1451, 0.0549
CMYK	0.02, 0.10, 0.00, 0.05
HSL	287°, 45%, 90%
HSV	287°, 10%, 95%
XYZ	75.5438, 74.3265, 93.5837
YIQ	226.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

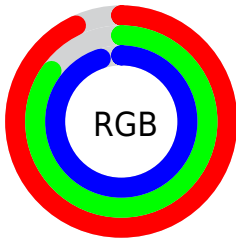
Format	Color
RYB	236, 218, 241
Decimal	15522545
CIELab	89.08, 10.24, -8.99
CIELCh	89, 13.623, 318.709
Yxy	74.3265, 0.3103, 0.3053
Android (android.graphics.Color)	4293712625 (0xFFECDAF1)
YUV	226.0040, 7.3930, 8.7665
Hunter-Lab	86.2128, 5.5378, -4.0101

Details

The Yxy color `74.3265, 0.3103, 0.3053` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.6593, 0.3148, 0.3534`, and the grayscale version is `76.0031, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.4005, 0.3095, 0.2998` is the 20% darker color. If you saturate the color by 10%, you get `61.8444, 0.3072, 0.2793`, and if you desaturate by 10%, it is `88.6585, 0.3128, 0.3301`.

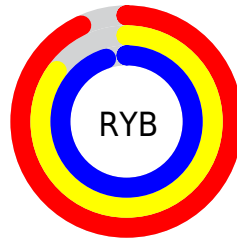
Distribution



Red (93%)

Green (85%)

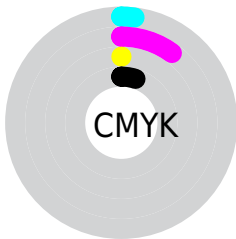
Blue (95%)



Red (93%)

Yellow (85%)

Blue (95%)

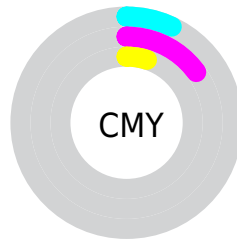


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (7%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3265, 0.3103, 0.3053 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 74.3265, 0.3103, 0.3053 by changing the saturation by 10% instead.


 74.3265, 0.3103,
0.3053

 74.3265, 0.3103,
0.3053


475.5995, 0.3115,
0.3160

 55.0613, 0.3100,
0.3029

125.3585, 0.3107,
0.3090

 39.4508, 0.3096,
0.3000


157.8942, 0.3109,
0.3104

 27.1106, 0.3092,
0.2963


195.6221, 0.3110,
0.3117

 17.6563, 0.3085,
0.2915

238.9266, 0.3111,
0.3128

 10.7035, 0.3076,
0.2851

288.1923, 0.3113,
0.3137

 5.8678, 0.3062,
0.2762

343.8034, 0.3113,

 2.7649, 0.3039,

0.3146

0.2627

406.1443, 0.3114,
0.3154

1.0103, 0.2993,
0.2400

0.0000, 0.2280,
0.0000

74.3265, 0.3103,
0.3053

74.3265, 0.3103,
0.3053

61.8444, 0.3072,
0.2793

88.6585, 0.3128,
0.3301

51.1242, 0.3035,
0.2526

97.5479, 0.3155,
0.3427

42.0852, 0.2993,
0.2260

98.5085, 0.3188,
0.3425

34.6365, 0.2944,
0.2005

99.1309, 0.3209,
0.3425

■ 28.6785, 0.2891,
0.1773

■ 24.1002, 0.2834,
0.1575

■ 20.7750, 0.2775,
0.1418

■ 18.5524, 0.2716,
0.1308

■ 17.1922, 0.2659,
0.1240

Harmonies

Analogous

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



74.3265, 0.2949, 0.3015



74.3265, 0.3103, 0.3053



74.3265, 0.3267, 0.3150

Triad

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



74.3265, 0.3103, 0.3053



74.3265, 0.3415, 0.3530



74.3265, 0.2866, 0.3288

Complementary

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



74.3265, 0.3103, 0.3053



83.6593, 0.3148, 0.3534

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.



74.3265, 0.2985, 0.3436



74.3265, 0.3103, 0.3053



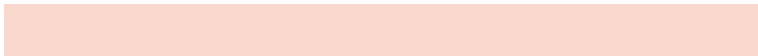
74.3265, 0.3302, 0.3577

Square

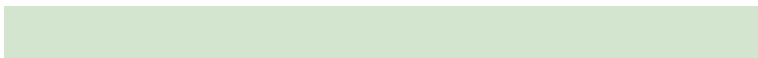
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3265, 0.3103, 0.3053



74.3265, 0.3450, 0.3421



74.3265, 0.3145, 0.3543



74.3265, 0.2815, 0.3146

Rectangle

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



74.3265, 0.3103, 0.3053



74.3265, 0.3359, 0.3236



74.3265, 0.3145, 0.3543



74.3265, 0.2899, 0.3339

Sweetspot

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



74.3297, 0.3103, 0.3053



94.9026, 0.3120, 0.3217



74.2287, 0.2979, 0.3102



20.0285, 0.3118, 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.



74.3297, 0.3103, 0.3053



82.2556, 0.3099, 0.3015



74.8349, 0.3179, 0.3117



15.8485, 0.3103, 0.3055



9.3547, 0.2666, 0.1242



0.8206, 0.2741, 0.1284

Inverse Universe

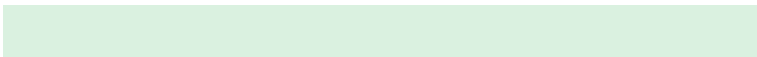
The Inverse Universe completely reimagines the original color for something new.



74.1714, 0.3260, 0.3239



82.0558, 0.3284, 0.3230



83.2060, 0.3079, 0.3469



15.8149, 0.3259, 0.3239



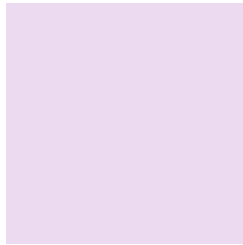
10.2929, 0.6028, 0.3094



0.8706, 0.5669, 0.2896

Previews

White Background



This preview shows how the Yxy color 74.3265, 0.3103, 0.3053 looks on a white background.

Color Contrast Check

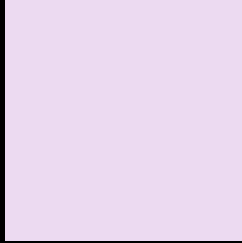
Large Text (above 18pt) WCAG AA × Fail

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 74.3265, 0.3103, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

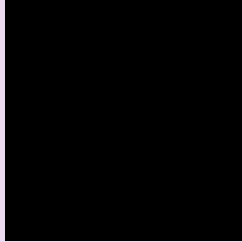
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

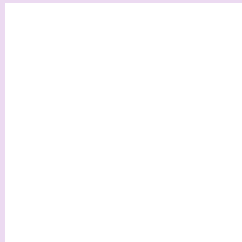
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3265, 0.3103, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 74.3265, 0.3103, 0.3053.

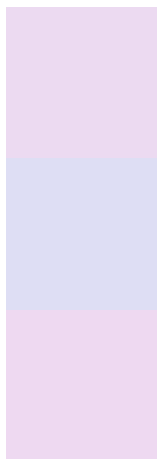


This preview shows how white text looks on a background with the Yxy color 74.3265, 0.3103, 0.3053.

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

74.3265, 0.3103, 0.3053

Protanopia

74.3038, 0.2987, 0.3058

Deuteranopia

74.1537, 0.3117, 0.3044



Tritanopia

74.3813, 0.3128, 0.3114

Trichromacy



Original Color

74.3265, 0.3103, 0.3053

Protanomaly

74.5149, 0.3027, 0.3060

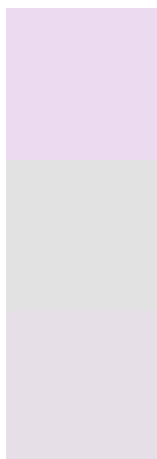
Deuteranomaly

73.9811, 0.3110, 0.3043

Tritanomaly

74.4982, 0.3115, 0.3093

Monochromacy



Original Color

74.3265, 0.3103, 0.3053

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3679, 0.3124, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3265, 0.3103, 0.3053 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(236, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 241)  
}
```

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(236, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 241) }
```

Border

The CSS property to change the border of an element to Yxy 74.3265, 0.3103, 0.3053 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(236, 218, 241) }
```

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

```
.border{ border-color:rgb(236, 218, 241) }
```

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

Here you see how a box with a 4 pixel rgb(236, 218, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3265, 0.3103, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 241) }
```

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

```
.background{ background-color: rgb(236,  
218, 241) }
```

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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