

Converting Colors

$Y_{xy}(75.1218, 0.3051, 0.3102)$

Have a look what the booklet for
Yxy(75.1218, 0.3051, 0.3102)
contains.

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Color

Yxy(75.0278, 0.3053, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEF0
RGB	228, 222, 240
RGB Percent	89%, 87%, 94%
CMY	0.1058, 0.1294, 0.0590
CMYK	0.05, 0.07, 0.00, 0.06
HSL	260°, 37%, 91%
HSV	260°, 7%, 94%
XYZ	73.8426, 75.0278, 92.9987
YIQ	225.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

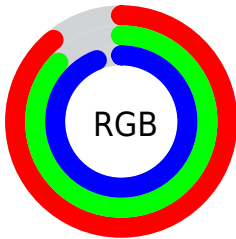
Format	Color
R _Y B	228, 222, 240
Decimal	14999280
CIE Lab	89.41, 5.31, -8.02
CIE LCh	89, 9.624, 303.507
Yxy	75.0278, 0.3053, 0.3102
Android (android.graphics.Color)	4293189360 (0xFFE4DEF0)
YUV	225.8460, 6.9779, 1.8891
Hunter-Lab	86.6186, 0.5893, -3.0241

Details

The Yxy color `75.0278, 0.3053, 0.3102` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85.0582, 0.3198, 0.3476`, and the grayscale version is `75.8880, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.9824, 0.3039, 0.3060` is the 20% darker color. If you saturate the color by 10%, you get `60.6853, 0.2940, 0.2828`, and if you desaturate by 10%, it is `91.4320, 0.3150, 0.3350`.

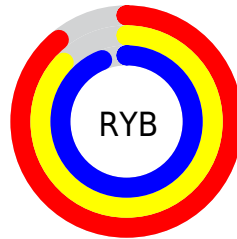
Distribution



Red (89%)

Green (87%)

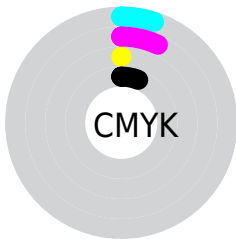
Blue (94%)



Red (89%)

Yellow (87%)

Blue (94%)

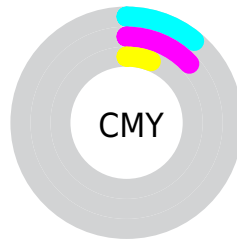


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0278, 0.3053, 0.3102 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 75.0278, 0.3053, 0.3102 by changing the saturation by 10% instead.

75.0278, 0.3053,
0.3102

75.0278, 0.3053,
0.3102

478.0131, 0.3087,
0.3188

55.6357, 0.3045,
0.3083

126.3517, 0.3065,
0.3131

39.9109, 0.3035,
0.3059

159.0523, 0.3070,
0.3143

27.4691, 0.3023,
0.3029

196.9578, 0.3074,
0.3153

17.9258, 0.3007,
0.2991

240.4526, 0.3077,
0.3162

10.8967, 0.2984,
0.2939

289.9212, 0.3080,
0.3169

5.9974, 0.2952,
0.2866

345.7478, 0.3083,

2.8435, 0.2901,

0.3176

0.2755

408.3170, 0.3085,
0.3182

■ 1.0506, 0.2810,
0.2565

■ 0.0000, 0.1207,
0.0000

■ 75.0278, 0.3053,
0.3102

■ 75.0278, 0.3053,
0.3102

■ 60.6853, 0.2940,
0.2828

■ 91.4320, 0.3150,
0.3350

■ 48.3123, 0.2811,
0.2531

■ 99.0691, 0.3215,
0.3435

■ 37.8233, 0.2666,
0.2217

■ 29.1233, 0.2507,
0.1895

■ 22.1083, 0.2341,
0.1582

■ 16.6636, 0.2173,
0.1294

■ 12.6593, 0.2015,
0.1050

■ 9.9438, 0.1873,
0.0868

■ 8.3187, 0.1758,
0.0751

Harmonies

Analogous

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



75.0278, 0.2959, 0.3101



75.0278, 0.3053, 0.3102



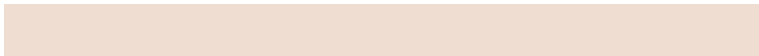
75.0278, 0.3169, 0.3151

Triad

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



75.0278, 0.3053, 0.3102



75.0278, 0.3349, 0.3426



75.0278, 0.2981, 0.3343

Complementary

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



75.0278, 0.3053, 0.3102



85.0582, 0.3198, 0.3476

Split Complementary

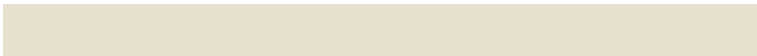
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0278, 0.3083, 0.3435



75.0278, 0.3053, 0.3102



75.0278, 0.3297, 0.3482

Square

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



75.0278, 0.3053, 0.3102



75.0278, 0.3342, 0.3336



75.0278, 0.3199, 0.3486



75.0278, 0.2918, 0.3238

Rectangle

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



75.0278, 0.3053, 0.3102



75.0278, 0.3243, 0.3205



75.0278, 0.3199, 0.3486



75.0278, 0.3011, 0.3377

Sweetspot

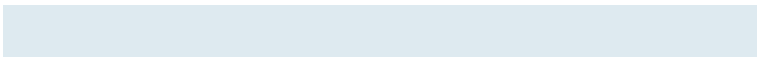
The Sweet Spot groups the original color and five complimentary colors.



75.0310, 0.3053, 0.3102



96.1511, 0.3108, 0.3241



80.6527, 0.3011, 0.3227



20.6206, 0.3109, 0.3244



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.



75.0310, 0.3053, 0.3102



83.4390, 0.3037, 0.3061



76.5343, 0.3115, 0.3106



15.4856, 0.3032, 0.3050



4.4494, 0.1747, 0.0736



0.4226, 0.1890, 0.0815

Inverse Universe

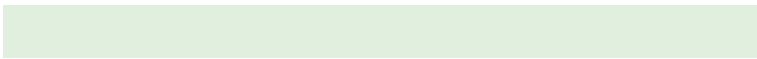
The Inverse Universe completely reimagines the original color for something new.



76.7026, 0.3175, 0.3168



85.7367, 0.3186, 0.3142



83.5805, 0.3138, 0.3479



15.9363, 0.3189, 0.3134



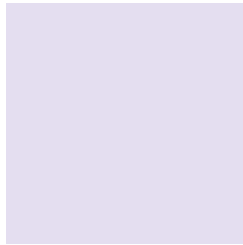
11.5506, 0.4278, 0.2130



0.9793, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 75.0278, 0.3053, 0.3102 looks on a white background.

Color Contrast Check

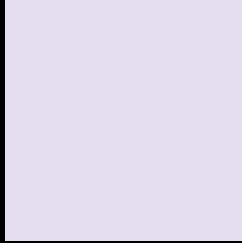
Large Text (above 18pt) WCAG AA × Fail

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 75.0278, 0.3053, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

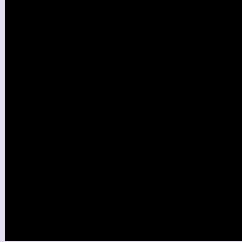
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

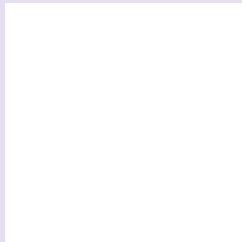
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0278, 0.3053, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 75.0278, 0.3053, 0.3102.



This preview shows how white text looks on a background with the Yxy color 75.0278, 0.3053, 0.3102.

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

75.0278, 0.3053, 0.3102

Protanopia

74.9735, 0.3019, 0.3100

Deuteranopia

74.8444, 0.3124, 0.3055



Tritanopia

75.0278, 0.3053, 0.3102

Trichromacy



Original Color

75.0278, 0.3053, 0.3102

Protanomaly

75.1338, 0.3026, 0.3101

Deuteranomaly

74.6761, 0.3096, 0.3063

Tritanomaly

75.0278, 0.3053, 0.3102

Monochromacy



Original Color

75.0278, 0.3053, 0.3102

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9508, 0.3102, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0278, 0.3053, 0.3102 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(228, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 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(228, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.0278, 0.3053, 0.3102 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(228, 222, 240) }
```

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

```
.border{ border-color:rgb(228, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
240) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.0278, 0.3053, 0.3102$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 240) }
```

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

```
.background{ background-color: rgb(228,  
222, 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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