

Converting Colors

$Yxy(73.3352, 0.3051, 0.3037)$

Have a look what the booklet for
Yxy(73.3352, 0.3051, 0.3037)
contains.

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Color

Yxy(73.3766, 0.3054, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	E6DAF2
RGB	230, 218, 242
RGB Percent	90%, 85%, 95%
CMY	0.0983, 0.1450, 0.0510
CMYK	0.05, 0.10, 0.00, 0.05
HSL	270°, 48%, 90%
HSV	270°, 10%, 95%
XYZ	73.7145, 73.3766, 94.2793
YIQ	224.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

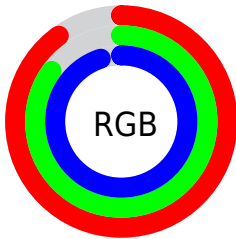
Format	Color
R _Y B	230, 218, 242
Decimal	15129330
CIE Lab	88.63, 8.40, -10.23
CIE LCh	89, 13.243, 309.392
Yxy	73.3766, 0.3054, 0.3040
Android (android.graphics.Color)	4293319410 (0xFFE6DAF2)
YUV	224.3240, 8.7143, 4.9779
Hunter-Lab	85.6601, 3.7023, -5.2937

Details

The Yxy color **73.3766, 0.3054, 0.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.4046, 0.3195, 0.3540**, and the grayscale version is **74.7178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7382, 0.3032, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **59.7849, 0.2968, 0.2767**, and if you desaturate by 10%, it is **88.9478, 0.3128, 0.3292**.

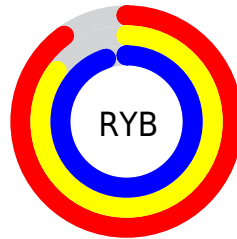
Distribution



Red (90%)

Green (85%)

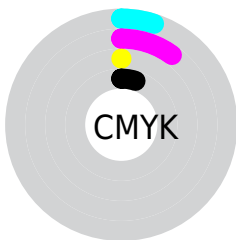
Blue (95%)



Red (90%)

Yellow (85%)

Blue (95%)

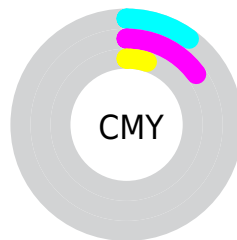


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (10%)


Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3766, 0.3054, 0.3040 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 73.3766, 0.3054, 0.3040 by changing the saturation by 10% instead.

 73.3766, 0.3054,
0.3040

 73.3766, 0.3054,
0.3040


472.3190, 0.3089,
0.3154

 54.2840, 0.3046,
0.3014

124.0117, 0.3066,
0.3079

 38.8287, 0.3036,
0.2983


156.3229, 0.3071,
0.3094

 26.6265, 0.3023,
0.2944


193.8092, 0.3075,
0.3108

 17.2929, 0.3006,
0.2893

236.8548, 0.3078,
0.3119

 10.4436, 0.2983,
0.2825

285.8442, 0.3081,
0.3129

 5.6940, 0.2949,
0.2729

341.1618, 0.3084,

 2.6599, 0.2894,

0.3138

0.2584

403.1919, 0.3086,
0.3146

■ 0.9569, 0.2794,
0.2339

■ 0.0000, 0.0994,
0.0000

■ 73.3766, 0.3054,
0.3040

■ 73.3766, 0.3054,
0.3040

■ 59.7849, 0.2968,
0.2767

■ 88.9478, 0.3128,
0.3292

■ 48.0813, 0.2868,
0.2477

■ 99.0571, 0.3198,
0.3415

■ 38.1814, 0.2756,
0.2178

■ 99.1907, 0.3203,
0.3415

■ 29.9900, 0.2632,
0.1879

■ 23.4034, 0.2500,
0.1596

■ 18.3060, 0.2366,
0.1342

■ 14.5658, 0.2234,
0.1133

■ 12.0264, 0.2111,
0.0978

■ 10.4304, 0.2001,
0.0876

Harmonies

Analogous

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



73.3766, 0.2915, 0.3024



73.3766, 0.3054, 0.3040



73.3766, 0.3215, 0.3119

Triad

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



73.3766, 0.3054, 0.3040



73.3766, 0.3428, 0.3497



73.3766, 0.2902, 0.3335

Complementary

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



73.3766, 0.3054, 0.3040



85.4046, 0.3195, 0.3540

Split Complementary

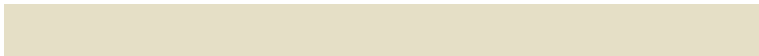
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3766, 0.3035, 0.3471



73.3766, 0.3054, 0.3040



73.3766, 0.3339, 0.3564

Square

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



73.3766, 0.3054, 0.3040



73.3766, 0.3434, 0.3378



73.3766, 0.3194, 0.3556



73.3766, 0.2830, 0.3189

Rectangle

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



73.3766, 0.3054, 0.3040



73.3766, 0.3314, 0.3197



73.3766, 0.3194, 0.3556



73.3766, 0.2941, 0.3384

Sweetspot

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



73.3797, 0.3054, 0.3040



94.4928, 0.3106, 0.3216



78.1437, 0.2973, 0.3167



19.9178, 0.3100, 0.3196



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.



73.3797, 0.3054, 0.3040



79.2014, 0.3037, 0.2984



75.3741, 0.3136, 0.3046



15.6143, 0.3057, 0.3051



5.6774, 0.2017, 0.0885



0.5314, 0.2160, 0.0963

Inverse Universe

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



74.7525, 0.3219, 0.3166



81.0661, 0.3241, 0.3139



83.5376, 0.3118, 0.3546



15.8916, 0.3214, 0.3172



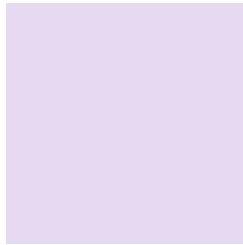
10.9210, 0.4944, 0.2497



0.9286, 0.4654, 0.2337

Previews

White Background



This preview shows how the Yxy color 73.3766, 0.3054, 0.3040 looks on a white background.

Color Contrast Check

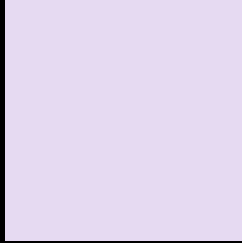
Large Text (above 18pt) WCAG AA × Fail

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 73.3766, 0.3054, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

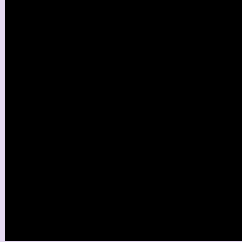
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

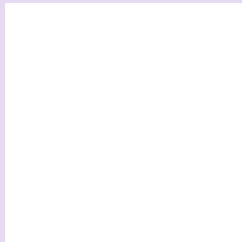
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3766, 0.3054, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 73.3766, 0.3054, 0.3040.



This preview shows how white text looks on a background with the Yxy color 73.3766, 0.3054, 0.3040.

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

73.3766, 0.3054, 0.3040

Protanopia

73.4602, 0.2973, 0.3046

Deuteranopia

73.1847, 0.3090, 0.3021



Tritanopia

73.3772, 0.3086, 0.3111

Trichromacy



Original Color

73.3766, 0.3054, 0.3040

Protanomaly

73.5048, 0.3007, 0.3048

Deuteranomaly

73.3602, 0.3076, 0.3031

Tritanomaly

73.4941, 0.3073, 0.3091

Monochromacy



Original Color

73.3766, 0.3054, 0.3040

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1808, 0.3097, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3766, 0.3054, 0.3040 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(230, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 242)  
}
```

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(230, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 242) }
```

Border

The CSS property to change the border of an element to Yxy 73.3766, 0.3054, 0.3040 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(230, 218, 242) }
```

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

```
.border{ border-color:rgb(230, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3766, 0.3054, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 242) }
```

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

```
.background{ background-color: rgb(230,  
218, 242) }
```

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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