

Converting Colors

Yxy(75.0498, 0.3125, 0.3066)

Have a look what the booklet for
Yxy(75.0498, 0.3125, 0.3066)
contains.

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Color

Yxy(75.3050, 0.3130, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	EFDBF0
RGB	239, 219, 240
RGB Percent	94%, 86%, 94%
CMY	0.0628, 0.1411, 0.0588
CMYK	0.00, 0.09, 0.00, 0.06
HSL	297°, 41%, 90%
HSV	297°, 9%, 94%
XYZ	76.6519, 75.3050, 92.9374
YIQ	227.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

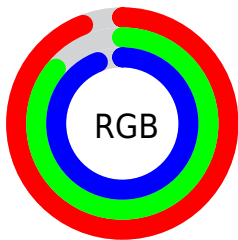
Format	Color
R_{YB}	239, 219, 240
Decimal	15719408
CIE _{Lab}	89.54, 10.51, -7.76
CIE _{LCh}	90, 13.064, 323.564
Yxy	75.3050, 0.3130, 0.3075
Android (android.graphics.Color)	4293909488 (0xFFEFDBF0)
YUV	227.3740, 6.2246, 10.1960
Hunter-Lab	86.7785, 5.8078, -2.7531

Details

The Yxy color **75.3050, 0.3130, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6604, 0.3123, 0.3514**, and the grayscale version is **77.0540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0789, 0.3130, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **63.4710, 0.3132, 0.2822**, and if you desaturate by 10%, it is **88.9522, 0.3127, 0.3320**.

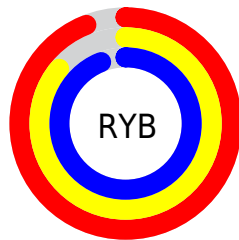
Distribution



Red (94%)

Green (86%)

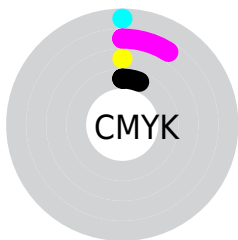
Blue (94%)



Red (94%)

Yellow (86%)

Blue (94%)

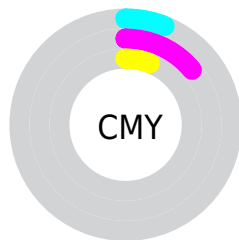


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3050, 0.3130, 0.3075 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 75.3050, 0.3130, 0.3075 by changing the saturation by 10% instead.


 75.3050, 0.3130,
0.3075

 75.3050, 0.3130,
0.3075


478.9652, 0.3129,
0.3172

 55.8628, 0.3130,
0.3053


126.7440, 0.3130,
0.3108

 40.0929, 0.3130,
0.3027


159.5096, 0.3130,
0.3121

 27.6110, 0.3130,
0.2993


197.4851, 0.3130,
0.3133

 18.0326, 0.3129,
0.2950

241.0549, 0.3130,
0.3143

 10.9734, 0.3128,
0.2893

290.6035, 0.3130,
0.3151

 6.0490, 0.3126,
0.2812

346.5151, 0.3130,

 2.8749, 0.3120,

0.3159

0.2690

409.1742, 0.3130,
0.3166

■ 1.0668, 0.3107,
0.2487

■ 0.0000, 0.2992,
0.0000

■ 75.3050, 0.3130,
0.3075

■ 75.3050, 0.3130,
0.3075

■ 63.4710, 0.3132,
0.2822

■ 88.9522, 0.3127,
0.3320

■ 53.3637, 0.3133,
0.2568

■ 96.5696, 0.3128,
0.3438

■ 44.9039, 0.3132,
0.2322

■ 96.7769, 0.3136,
0.3438

■ 38.0023, 0.3130,
0.2092

■ 96.9854, 0.3143,
0.3437

■ 32.5614, 0.3125,
0.1890

■ 97.1953, 0.3150,
0.3437

■ 28.4727, 0.3118,
0.1723

■ 97.4065, 0.3158,
0.3437

■ 25.6124, 0.3109,
0.1599

■ 97.6190, 0.3165,
0.3436

■ 23.8343, 0.3099,
0.1519

■ 97.8329, 0.3172,
0.3436

■ 22.9226, 0.3087,
0.1477

■ 98.0481, 0.3180,
0.3436

Harmonies

Analogous

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



75.3050, 0.2979, 0.3029



75.3050, 0.3130, 0.3075



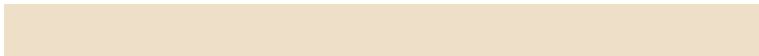
75.3050, 0.3284, 0.3175

Triad

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



75.3050, 0.3130, 0.3075



75.3050, 0.3389, 0.3531



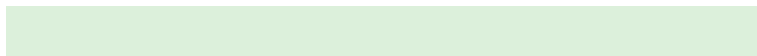
75.3050, 0.2865, 0.3265

Complementary

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



75.3050, 0.3130, 0.3075



82.6604, 0.3123, 0.3514

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.



75.3050, 0.2970, 0.3408



75.3050, 0.3130, 0.3075



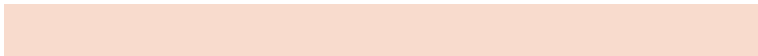
75.3050, 0.3272, 0.3564

Square

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



75.3050, 0.3130, 0.3075



75.3050, 0.3435, 0.3436



75.3050, 0.3118, 0.3519



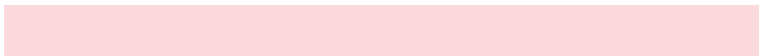
75.3050, 0.2829, 0.3134

Rectangle

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



75.3050, 0.3130, 0.3075



75.3050, 0.3366, 0.3260



75.3050, 0.3118, 0.3519



75.3050, 0.2893, 0.3314

Sweetspot

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



75.3082, 0.3130, 0.3075



95.1450, 0.3128, 0.3217



72.5721, 0.2991, 0.3077



20.0942, 0.3128, 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.



75.3082, 0.3130, 0.3075



84.5604, 0.3130, 0.3043



74.9401, 0.3200, 0.3171



15.9898, 0.3130, 0.3057



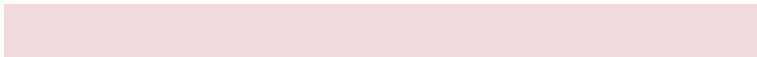
12.5161, 0.3087, 0.1474



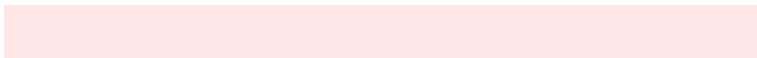
1.0532, 0.3104, 0.1484

Inverse Universe

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



74.3647, 0.3272, 0.3280



83.3308, 0.3296, 0.3278



83.0129, 0.3060, 0.3412



15.7713, 0.3286, 0.3279



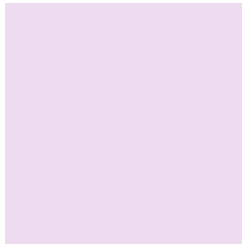
10.1607, 0.6349, 0.3271



0.8496, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 75.3050, 0.3130, 0.3075 looks on a white background.

Color Contrast Check

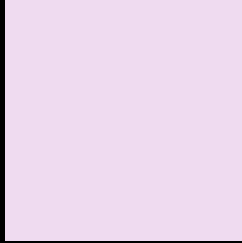
Large Text (above 18pt) WCAG AA × Fail

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 75.3050, 0.3130, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

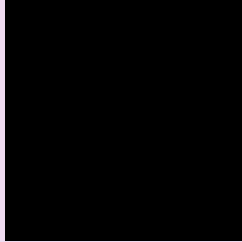
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

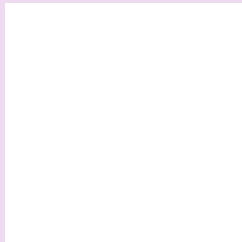
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3050, 0.3130, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 75.3050, 0.3130, 0.3075.



This preview shows how white text looks on a background with the Yxy color 75.3050, 0.3130, 0.3075.

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

75.3050, 0.3130, 0.3075

Protanopia

75.6297, 0.3006, 0.3090

Deuteranopia

75.4796, 0.3137, 0.3075



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.3050, 0.3130, 0.3075

Protanomaly

75.3114, 0.3047, 0.3082

Deuteranomaly

75.4796, 0.3137, 0.3075

Tritanomaly

75.7102, 0.3143, 0.3105

Monochromacy



Original Color

75.3050, 0.3130, 0.3075

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1264, 0.3124, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3050, 0.3130, 0.3075 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(239, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.3050, 0.3130, 0.3075 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(239, 219, 240) }
```

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

```
.border{ border-color:rgb(239, 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(239, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3050, 0.3130, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 240) }
```

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

```
.background{ background-color: rgb(239,  
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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