

Converting Colors

$Yxy(74.0503, 0.3168, 0.3130)$

Have a look what the booklet for
Yxy(74.0503, 0.3168, 0.3130)
contains.

Yxy(74.2031, 0.3170, 0.3135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.2031, 0.3170, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	EEDAE9
RGB	238, 218, 233
RGB Percent	93%, 85%, 91%
CMY	0.0668, 0.1450, 0.0863
CMYK	0.00, 0.08, 0.02, 0.07
HSL	315°, 37%, 89%
HSV	315°, 8%, 93%
XYZ	75.0315, 74.2031, 87.4579
YIQ	225.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

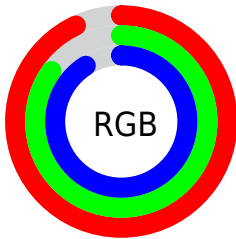
Format	Color
R _Y B	238, 218, 233
Decimal	15653609
CIE Lab	89.02, 9.44, -4.85
CIE LCh	89, 10.609, 332.816
Yxy	74.2031, 0.3170, 0.3135
Android (android.graphics.Color)	4293843689 (0xFFEEDA E9)
YUV	225.6900, 3.6038, 10.7959
Hunter-Lab	86.1412, 4.7316, 0.1026

Details

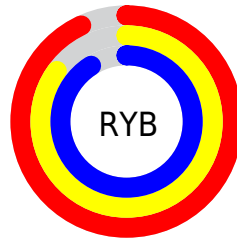
The Yxy color **74.2031, 0.3170, 0.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3670, 0.3087, 0.3450**, and the grayscale version is **75.7870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3138, 0.3183, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **62.4032, 0.3229, 0.2943**, and if you desaturate by 10%, it is **87.7928, 0.3120, 0.3319**.

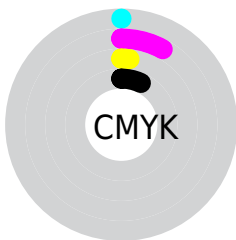
Distribution



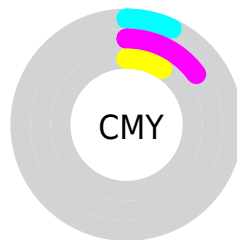
- Red (93%)
- Green (85%)
- Blue (91%)



- Red (93%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2031, 0.3170, 0.3135 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 74.2031, 0.3170, 0.3135 by changing the saturation by 10% instead.


 74.2031, 0.3170,
0.3135

 74.2031, 0.3170,
0.3135

475.1740, 0.3151,
0.3206

 54.9603, 0.3174,
0.3119

125.1837, 0.3163,
0.3159

 39.3699, 0.3180,
0.3100


157.6902, 0.3161,
0.3169

 27.0476, 0.3186,
0.3075


195.3868, 0.3159,
0.3177

 17.6090, 0.3195,
0.3043

238.6578, 0.3157,
0.3184

 10.6696, 0.3206,
0.3000

287.8877, 0.3155,
0.3191

 5.8452, 0.3222,
0.2940

343.4607, 0.3153,

 2.7512, 0.3246,

0.3196

0.2847

405.7614, 0.3152,
0.3201

■ 1.0032, 0.3285,
0.2687

■ 0.0000, 0.3656,
0.0000

■ 74.2031, 0.3170,
0.3135

■ 74.2031, 0.3170,
0.3135

■ 62.4032, 0.3229,
0.2943

■ 87.7928, 0.3120,
0.3319

■ 52.3081, 0.3297,
0.2748

■ 96.2759, 0.3080,
0.3390

■ 43.8404, 0.3375,
0.2555

■ 96.6435, 0.3047,
0.3331

■ 36.9130, 0.3462,
0.2373

■ 96.9121, 0.3023,
0.3290

■ 31.4306, 0.3557,
0.2212

■ 27.2871, 0.3657,
0.2083

■ 24.3619, 0.3759,
0.1995

■ 22.5128, 0.3860,
0.1954

■ 21.5366, 0.3958,
0.1960

Harmonies

Analogous

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



74.2031, 0.3042, 0.3082



74.2031, 0.3170, 0.3135



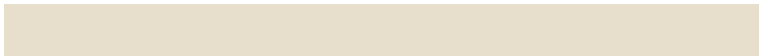
74.2031, 0.3288, 0.3228

Triad

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



74.2031, 0.3170, 0.3135



74.2031, 0.3317, 0.3502



74.2031, 0.2897, 0.3235

Complementary

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



74.2031, 0.3170, 0.3135



81.3670, 0.3087, 0.3450

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.



74.2031, 0.2967, 0.3352



74.2031, 0.3170, 0.3135



74.2031, 0.3209, 0.3508

Square

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



74.2031, 0.3170, 0.3135



74.2031, 0.3374, 0.3438



74.2031, 0.3081, 0.3453



74.2031, 0.2886, 0.3136

Rectangle

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



74.2031, 0.3170, 0.3135



74.2031, 0.3345, 0.3301



74.2031, 0.3081, 0.3453



74.2031, 0.2914, 0.3273

Sweetspot

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



74.2063, 0.3170, 0.3135



95.0937, 0.3142, 0.3235



71.9583, 0.3030, 0.3078



20.0803, 0.3146, 0.3220



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.



74.2063, 0.3170, 0.3135



84.3933, 0.3179, 0.3104



73.6690, 0.3236, 0.3235



15.9602, 0.3176, 0.3114



11.9721, 0.3959, 0.1955



1.0117, 0.3839, 0.1888

Inverse Universe

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



74.2063, 0.3170, 0.3135



84.3933, 0.3179, 0.3104



81.9032, 0.3029, 0.3346



15.9602, 0.3176, 0.3114



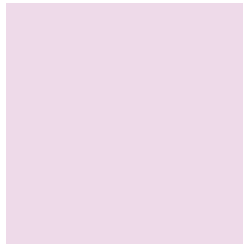
11.9721, 0.3959, 0.1955



1.0117, 0.3839, 0.1888

Previews

White Background



This preview shows how the Yxy color 74.2031, 0.3170, 0.3135 looks on a white background.

Color Contrast Check

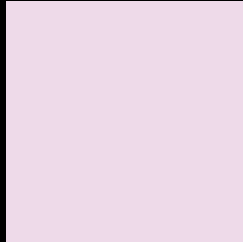
Large Text (above 18pt) WCAG AA × Fail

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 74.2031, 0.3170, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

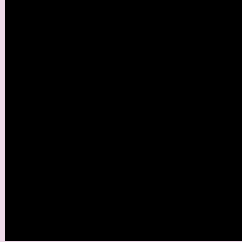
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

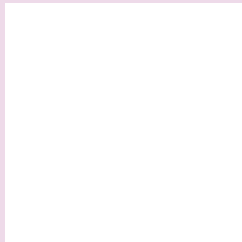
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2031, 0.3170, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 74.2031, 0.3170, 0.3135.

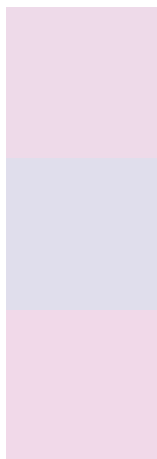


This preview shows how white text looks on a background with the Yxy color 74.2031, 0.3170, 0.3135.

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

74.2031, 0.3170, 0.3135

Protanopia

74.1460, 0.3051, 0.3141

Deuteranopia

74.2097, 0.3192, 0.3126



Tritanopia

74.3181, 0.3157, 0.3115

Trichromacy



Original Color

74.2031, 0.3170, 0.3135

Protanomaly

74.3691, 0.3092, 0.3143

Deuteranomaly

74.0342, 0.3185, 0.3125

Tritanomaly

74.2605, 0.3164, 0.3125

Monochromacy



Original Color

74.2031, 0.3170, 0.3135

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2555, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2031, 0.3170, 0.3135 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(238, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 218, 233)  
}
```

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(238, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 218, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.2031, 0.3170, 0.3135 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(238, 218, 233) }
```

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

```
.border{ border-color:rgb(238, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 218,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2031, 0.3170, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 218, 233) }
```

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

```
.background{ background-color: rgb(238,  
218, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor