

Converting Colors

Yxy(74.4792, 0.3161, 0.3181)

Have a look what the booklet for
Yxy(74.4792, 0.3161, 0.3181)
contains.

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Color

Yxy(74.3920, 0.3161, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	EADCE6
RGB	234, 220, 230
RGB Percent	92%, 86%, 90%
CMY	0.0823, 0.1372, 0.0982
CMYK	0.00, 0.06, 0.02, 0.08
HSL	317°, 25%, 89%
HSV	317°, 6%, 92%
XYZ	73.8083, 74.3920, 85.2963
YIQ	225.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

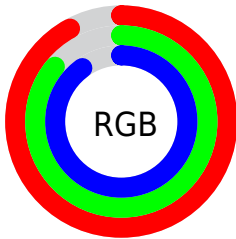
Format	Color
R _Y B	234, 220, 230
Decimal	15391974
CIE Lab	89.11, 6.53, -3.15
CIE LCh	89, 7.248, 334.251
Yxy	74.3920, 0.3161, 0.3186
Android (android.graphics.Color)	4293582054 (0xFFEADCE6)
YUV	225.3260, 2.3043, 7.6071
Hunter-Lab	86.2508, 1.8107, 1.7417

Details

The Yxy color $74.3920, 0.3161, 0.3186$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79.4622, 0.3095, 0.3396$, and the grayscale version is $75.5244, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.4704, 0.3161, 0.3155$ is the 20% darker color. If you saturate the color by 10%, you get $62.5842, 0.3226, 0.3006$, and if you desaturate by 10%, it is $87.9407, 0.3106, 0.3358$.

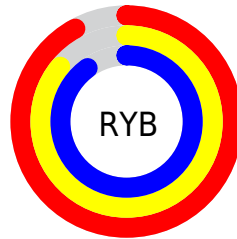
Distribution



Red (92%)

Green (86%)

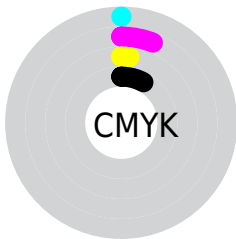
Blue (90%)



Red (92%)

Yellow (86%)

Blue (90%)

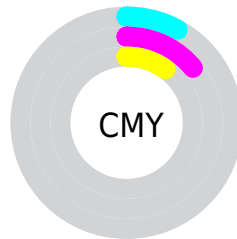


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (8%)



Cyan (8%)


Magenta (14%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3920, 0.3161, 0.3186 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 74.3920, 0.3161, 0.3186 by changing the saturation by 10% instead.


 74.3920, 0.3161,
0.3186

 74.3920, 0.3161,
0.3186

475.8252, 0.3146,
0.3234

 55.1149, 0.3164,
0.3175

125.4513, 0.3156,
0.3202

 39.4938, 0.3169,
0.3162


158.0024, 0.3154,
0.3209

 27.1441, 0.3174,
0.3145


195.7469, 0.3152,
0.3214

 17.6814, 0.3181,
0.3124

239.0693, 0.3150,
0.3219

 10.7215, 0.3190,
0.3094

288.3539, 0.3149,
0.3223

 5.8799, 0.3204,
0.3053

343.9852, 0.3148,

 2.7722, 0.3224,

0.3227

0.2988

406.3475, 0.3147,
0.3231

■ 1.0140, 0.3259,
0.2876

■ 0.0000, 0.3677,
0.0000

■ 74.3920, 0.3161,
0.3186

■ 74.3920, 0.3161,
0.3186

■ 62.5842, 0.3226,
0.3006

■ 87.9407, 0.3106,
0.3358

■ 52.4363, 0.3301,
0.2821

■ 95.5209, 0.3063,
0.3404

■ 43.8756, 0.3388,
0.2636

■ 95.9404, 0.3025,
0.3336

■ 36.8198, 0.3486,
0.2459

■ 96.2368, 0.3000,
0.3290

■ 31.1795, 0.3596,
0.2300

■ 26.8555, 0.3713,
0.2169

■ 23.7361, 0.3836,
0.2076

■ 21.6905, 0.3959,
0.2031

■ 20.5569, 0.4079,
0.2036

Harmonies

Analogous

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



74.3920, 0.3073, 0.3148



74.3920, 0.3161, 0.3186



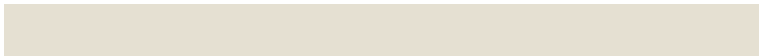
74.3920, 0.3240, 0.3251

Triad

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



74.3920, 0.3161, 0.3186



74.3920, 0.3254, 0.3436



74.3920, 0.2968, 0.3250

Complementary

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



74.3920, 0.3161, 0.3186



79.4622, 0.3095, 0.3396

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.



74.3920, 0.3015, 0.3329



74.3920, 0.3161, 0.3186



74.3920, 0.3179, 0.3437

Square

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



74.3920, 0.3161, 0.3186



74.3920, 0.3294, 0.3395



74.3920, 0.3092, 0.3398



74.3920, 0.2963, 0.3183

Rectangle

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



74.3920, 0.3161, 0.3186



74.3920, 0.3278, 0.3302



74.3920, 0.3092, 0.3398



74.3920, 0.2979, 0.3276

Sweetspot

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



74.3952, 0.3161, 0.3186



96.6940, 0.3138, 0.3256



72.9734, 0.3064, 0.3141



20.7311, 0.3138, 0.3257



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.



74.3952, 0.3161, 0.3186



88.8059, 0.3167, 0.3168



74.0146, 0.3207, 0.3258



15.7382, 0.3171, 0.3158



11.4007, 0.4109, 0.2037



0.9118, 0.3954, 0.1952

Inverse Universe

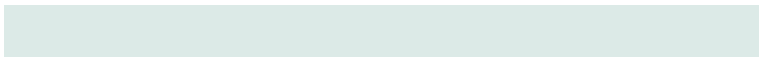
The Inverse Universe completely reimagines the original color for something new.



74.3952, 0.3161, 0.3186



88.8059, 0.3167, 0.3168



79.8451, 0.3053, 0.3322



15.7382, 0.3171, 0.3158



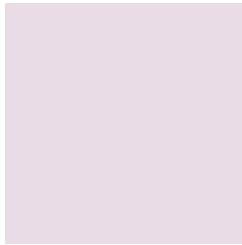
11.4007, 0.4109, 0.2037



0.9118, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 74.3920, 0.3161, 0.3186 looks on a white background.

Color Contrast Check

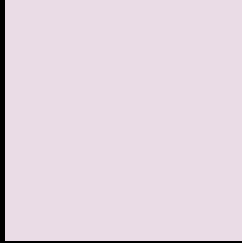
Large Text (above 18pt) WCAG AA × Fail

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 74.3920, 0.3161, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

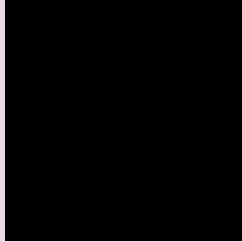
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

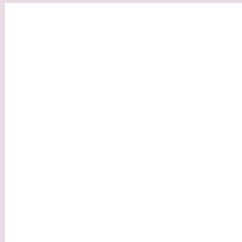
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3920, 0.3161, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 74.3920, 0.3161, 0.3186.

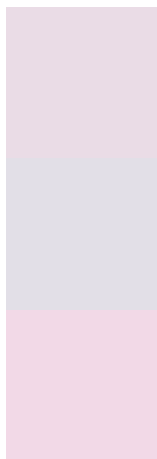


This preview shows how white text looks on a background with the Yxy color 74.3920, 0.3161, 0.3186.

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

74.3920, 0.3161, 0.3186

Protanopia

74.7136, 0.3096, 0.3205

Deuteranopia

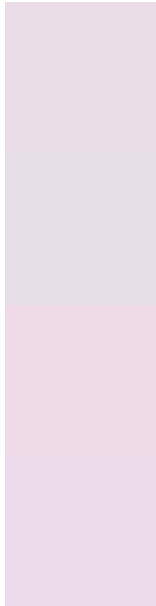
74.2725, 0.3213, 0.3146



Tritanopia

74.3813, 0.3128, 0.3114

Trichromacy



Original Color

74.3920, 0.3161, 0.3186

Protanomaly

74.6701, 0.3118, 0.3195

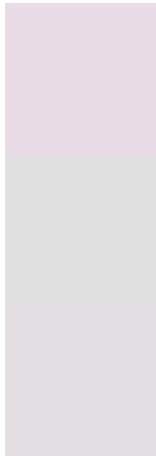
Deuteranomaly

74.2631, 0.3191, 0.3156

Tritanomaly

74.2657, 0.3142, 0.3134

Monochromacy



Original Color

74.3920, 0.3161, 0.3186

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8154, 0.3136, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3920, 0.3161, 0.3186 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(234, 220, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 230)  
}
```

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(234, 220, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.3920, 0.3161, 0.3186 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(234, 220, 230) }
```

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

```
.border{ border-color:rgb(234, 220, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 220, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 220, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 220,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3920, 0.3161, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 230) }
```

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

```
.background{ background-color: rgb(234,  
220, 230) }
```

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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