

Converting Colors

Yxy(75.4181, 0.3166, 0.3133)

Have a look what the booklet for
Yxy(75.4181, 0.3166, 0.3133)
contains.

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Color

Yxy(75.5353, 0.3163, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCEB
RGB	239, 220, 235
RGB Percent	94%, 86%, 92%
CMY	0.0627, 0.1372, 0.0785
CMYK	0.00, 0.08, 0.02, 0.06
HSL	313°, 37%, 90%
HSV	313°, 8%, 94%
XYZ	76.1856, 75.5353, 89.1442
YIQ	227.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

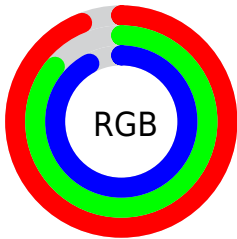
Format	Color
R _Y B	239, 220, 235
Decimal	15719659
CIE Lab	89.64, 9.10, -4.96
CIE LCh	90, 10.364, 331.426
Yxy	75.5353, 0.3163, 0.3136
Android (android.graphics.Color)	4293909739 (0xFFEFDCEB)
YUV	227.3910, 3.7512, 10.1811
Hunter-Lab	86.9110, 4.3776, 0.0243

Details

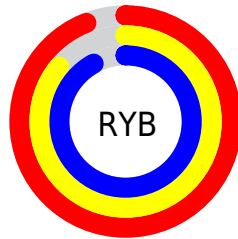
The Yxy color **75.5353, 0.3163, 0.3136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.3413, 0.3093, 0.3449**, and the grayscale version is **77.0863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2322, 0.3173, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **63.5871, 0.3215, 0.2935**, and if you desaturate by 10%, it is **89.2920, 0.3119, 0.3329**.

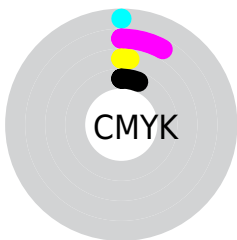
Distribution



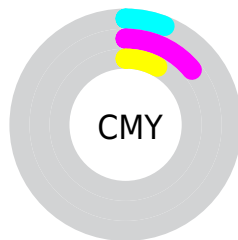
- Red (94%)
- Green (86%)
- Blue (92%)



- Red (94%)
- Yellow (86%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5353, 0.3163, 0.3136 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 75.5353, 0.3163, 0.3136 by changing the saturation by 10% instead.

 75.5353, 0.3163,
0.3136

 75.5353, 0.3163,
0.3136

479.7555, 0.3147,
0.3206

 56.0515, 0.3167,
0.3120


127.0698, 0.3158,
0.3160

 40.2442, 0.3171,
0.3101

159.8894, 0.3155,
0.3169

 27.7290, 0.3176,
0.3077


197.9229, 0.3154,
0.3178

 18.1215, 0.3183,
0.3046

241.5550, 0.3152,
0.3185

 11.0373, 0.3192,
0.3004

291.1699, 0.3150,
0.3191

 6.0919, 0.3205,
0.2944

347.1520, 0.3149,

 2.9010, 0.3224,

0.3197

0.2854

409.8857, 0.3148,
0.3202

■ 1.0803, 0.3255,
0.2701

■ 0.0000, 0.3782,
0.0000

■ 75.5353, 0.3163,
0.3136

■ 75.5353, 0.3163,
0.3136

■ 63.5871, 0.3215,
0.2935

■ 89.2920, 0.3119,
0.3329

■ 53.3619, 0.3274,
0.2731

■ 96.4734, 0.3085,
0.3387

■ 44.7816, 0.3341,
0.2530

■ 96.7878, 0.3056,
0.3337

■ 37.7586, 0.3415,
0.2341

■ 97.0931, 0.3029,
0.3290

■ 32.1968, 0.3495,
0.2173

■ 27.9899, 0.3579,
0.2036

■ 25.0166, 0.3664,
0.1941

■ 23.1343, 0.3747,
0.1892

■ 22.1471, 0.3827,
0.1889

Harmonies

Analogous

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



75.5353, 0.3039, 0.3086



75.5353, 0.3163, 0.3136



75.5353, 0.3279, 0.3225

Triad

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



75.5353, 0.3163, 0.3136



75.5353, 0.3315, 0.3494



75.5353, 0.2905, 0.3242

Complementary

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



75.5353, 0.3163, 0.3136



82.3413, 0.3093, 0.3449

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.



75.5353, 0.2976, 0.3355



75.5353, 0.3163, 0.3136



75.5353, 0.3212, 0.3503

Square

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



75.5353, 0.3163, 0.3136



75.5353, 0.3368, 0.3430



75.5353, 0.3088, 0.3452



75.5353, 0.2892, 0.3145

Rectangle

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



75.5353, 0.3163, 0.3136



75.5353, 0.3336, 0.3295



75.5353, 0.3088, 0.3452



75.5353, 0.2923, 0.3279

Sweetspot

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



75.5386, 0.3163, 0.3136



96.7195, 0.3136, 0.3252



73.2377, 0.3030, 0.3089



20.7363, 0.3135, 0.3254



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.



75.5386, 0.3163, 0.3136



84.4520, 0.3173, 0.3095



75.0166, 0.3225, 0.3231



15.9706, 0.3170, 0.3106



12.1738, 0.3831, 0.1884



1.0269, 0.3733, 0.1830

Inverse Universe

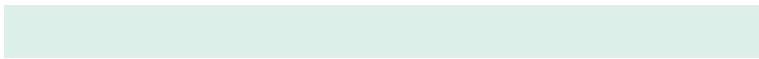
The Inverse Universe completely reimagines the original color for something new.



75.5386, 0.3163, 0.3136



84.4520, 0.3173, 0.3095



82.8583, 0.3038, 0.3350



15.9706, 0.3170, 0.3106



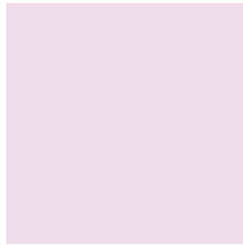
12.1738, 0.3831, 0.1884



1.0269, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 75.5353, 0.3163, 0.3136 looks on a white background.

Color Contrast Check

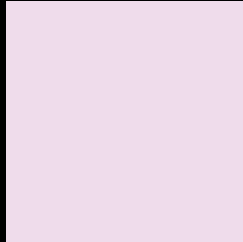
Large Text (above 18pt) WCAG AA × Fail

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 75.5353, 0.3163, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

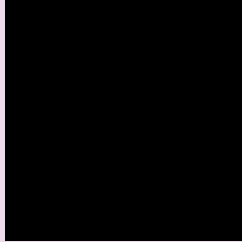
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

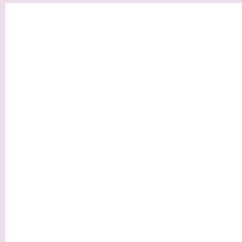
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5353, 0.3163, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 75.5353, 0.3163, 0.3136.

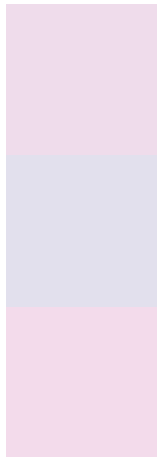


This preview shows how white text looks on a background with the Yxy color 75.5353, 0.3163, 0.3136.

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

75.5353, 0.3163, 0.3136

Protanopia

75.5945, 0.3058, 0.3153

Deuteranopia

75.7159, 0.3192, 0.3127



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.5353, 0.3163, 0.3136

Protanomaly

75.8204, 0.3099, 0.3154

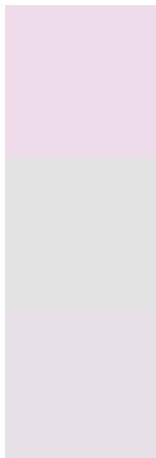
Deuteranomaly

75.5384, 0.3185, 0.3127

Tritanomaly

75.5933, 0.3156, 0.3126

Monochromacy



Original Color

75.5353, 0.3163, 0.3136

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0134, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5353, 0.3163, 0.3136 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, 220, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 235)  
}
```

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, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.5353, 0.3163, 0.3136 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, 220, 235) }
```

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

```
.border{ border-color:rgb(239, 220, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 220, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 220, 235); box-shadow:4px 4px 4px 4px rgb(239, 220, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5353, 0.3163, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 235) }
```

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

```
.background{ background-color: rgb(239,  
220, 235) }
```

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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