

Converting Colors

$Y_{xy}(75.7593, 0.3142, 0.3138)$

Have a look what the booklet for
Yxy(75.7593, 0.3142, 0.3138)
contains.

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Color

Yxy(75.7736, 0.3141, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDEC
RGB	237, 221, 236
RGB Percent	93%, 87%, 93%
CMY	0.0707, 0.1333, 0.0744
CMYK	0.00, 0.07, 0.00, 0.07
HSL	304°, 31%, 90%
HSV	304°, 7%, 93%
XYZ	75.9186, 75.7736, 90.0099
YIQ	227.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

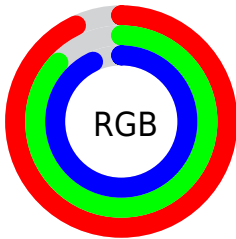
Format	Color
R _Y B	237, 221, 236
Decimal	15588844
CIE Lab	89.75, 8.08, -5.37
CIE LCh	90, 9.701, 326.395
Yxy	75.7736, 0.3141, 0.3135
Android (android.graphics.Color)	4293778924 (0xFFEDDDEC)
YUV	227.4940, 4.1935, 8.3368
Hunter-Lab	87.0480, 3.3441, -0.3737

Details

The Yxy color `75.7736, 0.3141, 0.3135` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81.1964, 0.3113, 0.3450`, and the grayscale version is `77.1615, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.3915, 0.3145, 0.3104` is the 20% darker color. If you saturate the color by 10%, you get `64.0532, 0.3163, 0.2899`, and if you desaturate by 10%, it is `89.2673, 0.3121, 0.3363`.

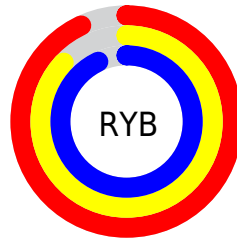
Distribution



Red (93%)

Green (87%)

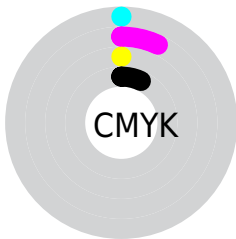
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

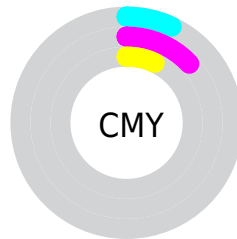


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7736, 0.3141, 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 75.7736, 0.3141, 0.3135 by changing the saturation by 10% instead.

 75.7736, 0.3141,
0.3135

 75.7736, 0.3141,
0.3135


480.5723, 0.3135,
0.3205

 56.2469, 0.3142,
0.3119


127.4068, 0.3139,
0.3159

 40.4009, 0.3144,
0.3100


160.2821, 0.3138,
0.3169

 27.8513, 0.3146,
0.3076


198.3757, 0.3138,
0.3177

 18.2136, 0.3148,
0.3044

242.0721, 0.3137,
0.3184

 11.1034, 0.3151,
0.3002

291.7555, 0.3136,
0.3190

 6.1364, 0.3155,
0.2942

347.8104, 0.3136,

 2.9282, 0.3159,

0.3196

0.2852

410.6212, 0.3135,
0.3201

■ 1.0944, 0.3166,
0.2698

■ 0.0000, 0.3314,
0.0000

■ 75.7736, 0.3141,
0.3135

■ 75.7736, 0.3141,
0.3135

■ 64.0532, 0.3163,
0.2899

■ 89.2673, 0.3121,
0.3363

■ 54.0227, 0.3187,
0.2660

■ 95.7401, 0.3108,
0.3451

■ 45.6065, 0.3213,
0.2428

■ 95.8221, 0.3100,
0.3437

■ 38.7199, 0.3240,
0.2210

■ 95.9048, 0.3092,
0.3423

33.2698, 0.3266,
0.2017

95.9881, 0.3085,
0.3409

29.1536, 0.3292,
0.1858

96.0720, 0.3077,
0.3395

26.2548, 0.3317,
0.1739

96.1565, 0.3069,
0.3382

24.4369, 0.3338,
0.1665

96.2417, 0.3061,
0.3368

23.5268, 0.3358,
0.1632

96.3275, 0.3053,
0.3354

Harmonies

Analogous

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



75.7736, 0.3027, 0.3096



75.7736, 0.3141, 0.3135



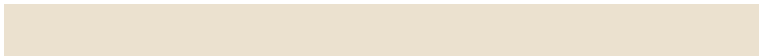
75.7736, 0.3253, 0.3213

Triad

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



75.7736, 0.3141, 0.3135



75.7736, 0.3315, 0.3474



75.7736, 0.2927, 0.3263

Complementary

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



75.7736, 0.3141, 0.3135



81.1964, 0.3113, 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.



75.7736, 0.3002, 0.3368



75.7736, 0.3141, 0.3135



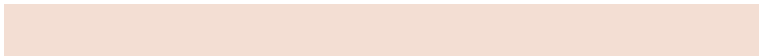
75.7736, 0.3225, 0.3491

Square

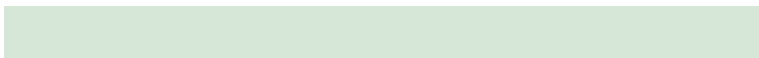
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7736, 0.3141, 0.3135



75.7736, 0.3354, 0.3407



75.7736, 0.3110, 0.3453



75.7736, 0.2905, 0.3167

Rectangle

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



75.7736, 0.3141, 0.3135



75.7736, 0.3311, 0.3278



75.7736, 0.3110, 0.3453



75.7736, 0.2947, 0.3298

Sweetspot

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



75.7769, 0.3141, 0.3135



96.7699, 0.3131, 0.3244



73.3312, 0.3030, 0.3120



20.7466, 0.3131, 0.3247



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.



75.7769, 0.3141, 0.3135



87.5914, 0.3144, 0.3105



75.3307, 0.3193, 0.3216



15.2977, 0.3147, 0.3071



12.7502, 0.3361, 0.1625



1.0058, 0.3338, 0.1612

Inverse Universe

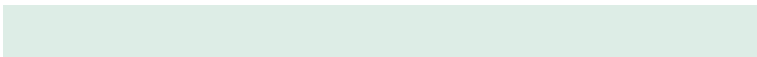
The Inverse Universe completely reimagines the original color for something new.



75.7769, 0.3141, 0.3135



87.5914, 0.3144, 0.3105



81.6268, 0.3066, 0.3366



15.2977, 0.3147, 0.3071



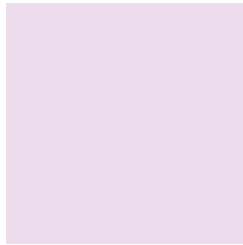
12.7502, 0.3361, 0.1625



1.0058, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 75.7736, 0.3141, 0.3135 looks on a white background.

Color Contrast Check

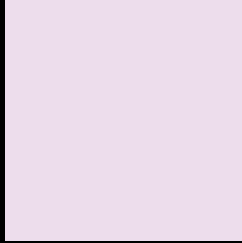
Large Text (above 18pt) WCAG AA × Fail

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 75.7736, 0.3141, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

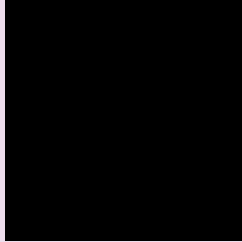
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

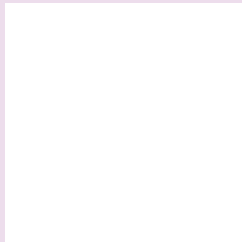
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7736, 0.3141, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 75.7736, 0.3141, 0.3135.

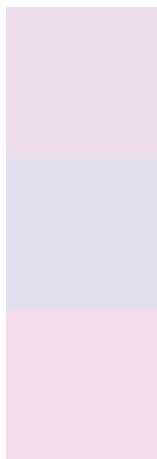


This preview shows how white text looks on a background with the Yxy color 75.7736, 0.3141, 0.3135.

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

75.7736, 0.3141, 0.3135

Protanopia

75.6531, 0.3051, 0.3143

Deuteranopia

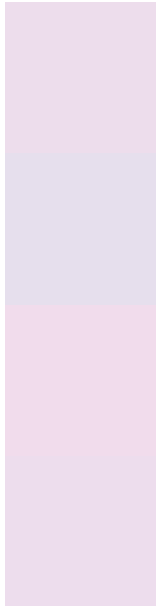
75.7739, 0.3185, 0.3117



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.7736, 0.3141, 0.3135

Protanomaly

75.7128, 0.3085, 0.3144

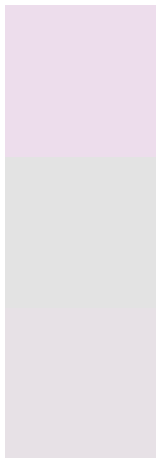
Deuteranomaly

75.9433, 0.3170, 0.3126

Tritanomaly

75.8319, 0.3135, 0.3125

Monochromacy



Original Color

75.7736, 0.3141, 0.3135

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5525, 0.3137, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7736, 0.3141, 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(237, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 236)  
}
```

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(237, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.7736, 0.3141, 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(237, 221, 236) }
```

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

```
.border{ border-color:rgb(237, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 221, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 221, 236); box-shadow:4px 4px 4px 4px rgb(237, 221, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7736, 0.3141, 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(237, 221, 236) }
```

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

```
.background{ background-color: rgb(237,  
221, 236) }
```

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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