

Converting Colors

$Yxy(77.3843, 0.3087, 0.3105)$

Have a look what the booklet for
Yxy(77.3843, 0.3087, 0.3105)
contains.

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Color

Yxy(77.3843, 0.3087, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0F2
RGB	235, 224, 242
RGB Percent	92%, 88%, 95%
CMY	0.0786, 0.1215, 0.0509
CMYK	0.03, 0.07, 0.00, 0.05
HSL	276°, 41%, 91%
HSV	276°, 7%, 95%
XYZ	76.9357, 77.3843, 94.9048
YIQ	229.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

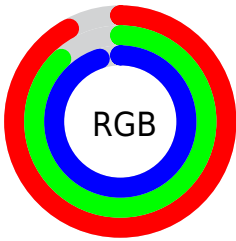
Format	Color
R _{YB}	235, 224, 242
Decimal	15458546
CIE Lab	90.50, 6.94, -7.43
CIE LCh	90, 10.163, 313.031
Yxy	77.3843, 0.3087, 0.3105
Android (android.graphics.Color)	4293648626 (0xFFEBE0F2)
YUV	229.3410, 6.2409, 4.9629
Hunter-Lab	87.9683, 2.1686, -2.3873

Details

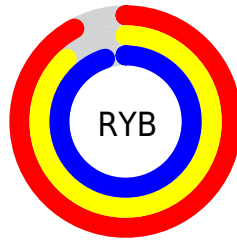
The Yxy color `77.3843, 0.3087, 0.3105` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85.9049, 0.3165, 0.3477`, and the grayscale version is `78.5706, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.5048, 0.3075, 0.3065` is the 20% darker color. If you saturate the color by 10%, you get `63.7164, 0.3024, 0.2841`, and if you desaturate by 10%, it is `92.9968, 0.3140, 0.3351`.

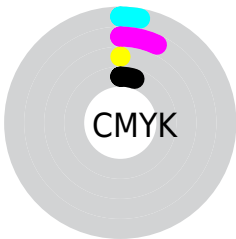
Distribution



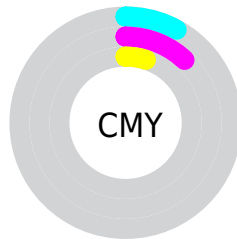
- Red (92%)
- Green (88%)
- Blue (95%)



- Red (92%)
- Yellow (88%)
- Blue (95%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)




- Cyan (8%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3843, 0.3087, 0.3105 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 77.3843, 0.3087, 0.3105 by changing the saturation by 10% instead.

 77.3843, 0.3087,
0.3105

 77.3843, 0.3087,
0.3105


486.0733, 0.3106,
0.3189

 57.5683, 0.3083,
0.3086


129.6818, 0.3094,
0.3134

 41.4617, 0.3077,
0.3063


162.9322, 0.3096,
0.3145

 28.6800, 0.3070,
0.3035


201.4294, 0.3098,
0.3155

 18.8389, 0.3061,
0.2998

245.5580, 0.3100,
0.3163

 11.5539, 0.3049,
0.2949

295.7023, 0.3102,
0.3171

 6.4407, 0.3031,
0.2879

352.2467, 0.3103,

 3.1149, 0.3002,

0.3177

0.2775

415.5755, 0.3105,
0.3183

■ 1.1920, 0.2950,
0.2601

■ 0.0552, 0.2589,
0.0644

■ 77.3843, 0.3087,
0.3105

■ 77.3843, 0.3087,
0.3105

■ 63.7164, 0.3024,
0.2841

■ 92.9968, 0.3140,
0.3351

■ 51.9039, 0.2951,
0.2562

■ 98.9946, 0.3196,
0.3415

■ 41.8656, 0.2868,
0.2276

■ 99.1923, 0.3203,
0.3415

■ 33.5100, 0.2774,
0.1992

■ 26.7373, 0.2673,
0.1722

■ 21.4368, 0.2567,
0.1480

■ 17.4832, 0.2459,
0.1279

■ 14.7290, 0.2355,
0.1126

■ 12.9808, 0.2258,
0.1025

Harmonies

Analogous

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



77.3843, 0.2978, 0.3087



77.3843, 0.3087, 0.3105



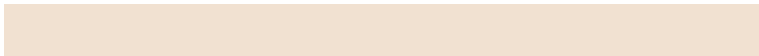
77.3843, 0.3208, 0.3170

Triad

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



77.3843, 0.3087, 0.3105



77.3843, 0.3348, 0.3456



77.3843, 0.2948, 0.3311

Complementary

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



77.3843, 0.3087, 0.3105



85.9049, 0.3165, 0.3477

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.



77.3843, 0.3044, 0.3415



77.3843, 0.3087, 0.3105



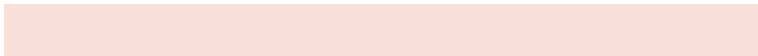
77.3843, 0.3276, 0.3499

Square

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



77.3843, 0.3087, 0.3105



77.3843, 0.3361, 0.3370



77.3843, 0.3164, 0.3484



77.3843, 0.2899, 0.3203

Rectangle

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



77.3843, 0.3087, 0.3105



77.3843, 0.3280, 0.3232



77.3843, 0.3164, 0.3484



77.3843, 0.2975, 0.3348

Sweetspot

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



77.3876, 0.3087, 0.3105



96.4114, 0.3117, 0.3241



79.5374, 0.3012, 0.3177



20.6736, 0.3117, 0.3244



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.



77.3876, 0.3087, 0.3105



84.5530, 0.3078, 0.3064



78.5066, 0.3147, 0.3126



15.7039, 0.3075, 0.3053



6.8589, 0.2249, 0.1013



0.6280, 0.2373, 0.1081

Inverse Universe

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



77.9763, 0.3207, 0.3218



85.3557, 0.3226, 0.3202



84.8502, 0.3107, 0.3460



15.8616, 0.3232, 0.3198



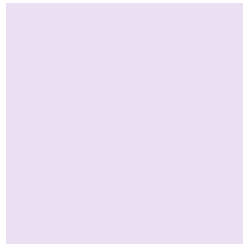
10.6096, 0.5408, 0.2753



0.9016, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 77.3843, 0.3087, 0.3105 looks on a white background.

Color Contrast Check

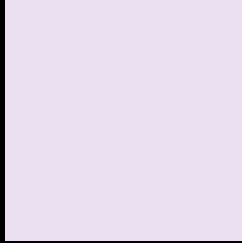
Large Text (above 18pt) WCAG AA × Fail

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 77.3843, 0.3087, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

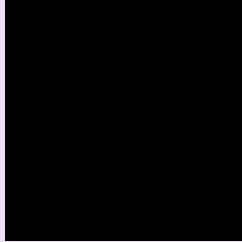
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

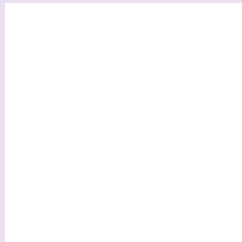
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3843, 0.3087, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 77.3843, 0.3087, 0.3105.



This preview shows how white text looks on a background with the Yxy color 77.3843, 0.3087, 0.3105.

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

77.3843, 0.3087, 0.3105

Protanopia

77.1947, 0.3026, 0.3113

Deuteranopia

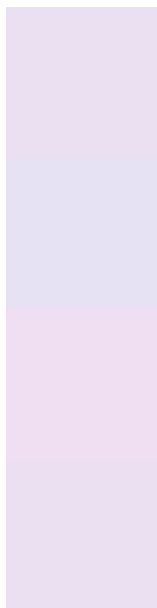
77.2387, 0.3138, 0.3068



Tritanopia

77.3843, 0.3087, 0.3105

Trichromacy



Original Color

77.3843, 0.3087, 0.3105

Protanomaly

77.1445, 0.3047, 0.3103

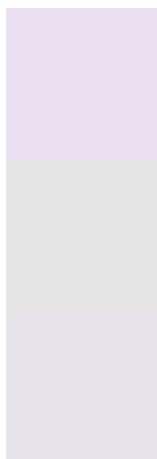
Deuteranomaly

77.2389, 0.3116, 0.3077

Tritanomaly

77.3843, 0.3087, 0.3105

Monochromacy



Original Color

77.3843, 0.3087, 0.3105

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.8676, 0.3110, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3843, 0.3087, 0.3105 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(235, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 242)  
}
```

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(235, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 77.3843, 0.3087, 0.3105 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(235, 224, 242) }
```

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

```
.border{ border-color:rgb(235, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3843, 0.3087, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 242) }
```

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

```
.background{ background-color: rgb(235,  
224, 242) }
```

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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