

Converting Colors

$Yxy(77.8256, 0.3162, 0.3138)$

Have a look what the booklet for
Yxy(77.8256, 0.3162, 0.3138)
contains.

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Color

Yxy(77.8256, 0.3162, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFEE
RGB	242, 223, 238
RGB Percent	95%, 87%, 93%
CMY	0.0512, 0.1254, 0.0667
CMYK	0.00, 0.08, 0.02, 0.05
HSL	313°, 42%, 91%
HSV	313°, 8%, 95%
XYZ	78.4208, 77.8256, 91.7638
YIQ	230.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

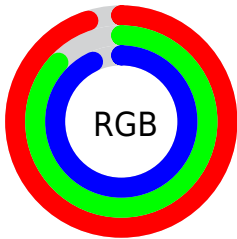
Format	Color
RYB	242, 223, 238
Decimal	15917038
CIELab	90.70, 9.04, -4.95
CIELCh	91, 10.309, 331.309
Yxy	77.8256, 0.3162, 0.3138
Android (android.graphics.Color)	4294107118 (0xFFFF2DFEE)
YUV	230.3910, 3.7512, 10.1811
Hunter-Lab	88.2188, 4.2920, 0.0807

Details

The Yxy color `77.8256, 0.3162, 0.3138` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84.7070, 0.3094, 0.3447`, and the grayscale version is `79.4000, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.8218, 0.3172, 0.3107` is the 20% darker color. If you saturate the color by 10%, you get `65.5157, 0.3213, 0.2937`, and if you desaturate by 10%, it is `91.9979, 0.3118, 0.3331`.

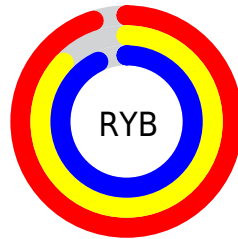
Distribution



Red (95%)

Green (87%)

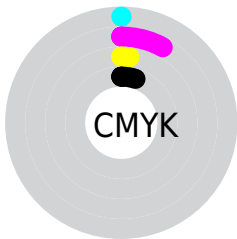
Blue (93%)



Red (95%)

Yellow (87%)

Blue (93%)

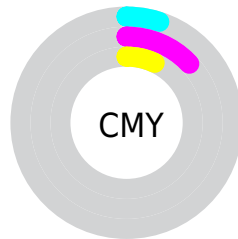


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.8256, 0.3162, 0.3138 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 77.8256, 0.3162, 0.3138 by changing the saturation by 10% instead.

 77.8256, 0.3162,
0.3138

 77.8256, 0.3162,
0.3138

487.5743, 0.3147,
0.3207

 57.9307, 0.3165,
0.3123

130.3042, 0.3157,
0.3162

 41.7530, 0.3170,
0.3104


163.6568, 0.3155,
0.3171

 28.9079, 0.3175,
0.3080


202.2640, 0.3153,
0.3179

 19.0112, 0.3181,
0.3050

246.5104, 0.3151,
0.3186

 11.6783, 0.3190,
0.3010

296.7802, 0.3150,
0.3192

 6.5251, 0.3202,
0.2953

353.4578, 0.3149,

 3.1669, 0.3220,

0.3197

0.2867

416.9278, 0.3148,
0.3202

■ 1.2195, 0.3248,
0.2724

■ 0.0775, 0.3670,
0.0966

■ 77.8256, 0.3162,
0.3138

■ 77.8256, 0.3162,
0.3138

■ 65.5157, 0.3213,
0.2937

■ 91.9979, 0.3118,
0.3331

■ 54.9801, 0.3271,
0.2732

■ 97.1710, 0.3086,
0.3357

■ 46.1386, 0.3338,
0.2530

■ 97.4897, 0.3057,
0.3308

■ 38.9008, 0.3411,
0.2340

■ 97.6069, 0.3047,
0.3290

■ 33.1681, 0.3489,
0.2170

■ 28.8309, 0.3572,
0.2033

■ 25.7646, 0.3656,
0.1937

■ 23.8224, 0.3738,
0.1887

■ 22.8059, 0.3816,
0.1883

Harmonies

Analogous

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



77.8256, 0.3040, 0.3089



77.8256, 0.3162, 0.3138



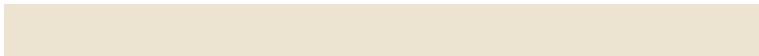
77.8256, 0.3276, 0.3225

Triad

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



77.8256, 0.3162, 0.3138



77.8256, 0.3313, 0.3491



77.8256, 0.2909, 0.3243

Complementary

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



77.8256, 0.3162, 0.3138



84.7070, 0.3094, 0.3447

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.



77.8256, 0.2979, 0.3355



77.8256, 0.3162, 0.3138



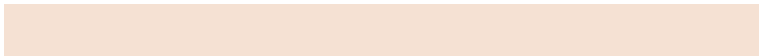
77.8256, 0.3211, 0.3500

Square

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



77.8256, 0.3162, 0.3138



77.8256, 0.3364, 0.3428



77.8256, 0.3089, 0.3450



77.8256, 0.2896, 0.3147

Rectangle

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



77.8256, 0.3162, 0.3138



77.8256, 0.3332, 0.3295



77.8256, 0.3089, 0.3450



77.8256, 0.2926, 0.3280

Sweetspot

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



77.8290, 0.3162, 0.3138



96.7205, 0.3136, 0.3252



75.4973, 0.3032, 0.3092



20.7365, 0.3135, 0.3254



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

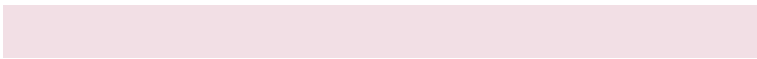
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8290, 0.3162, 0.3138



85.9159, 0.3168, 0.3114



77.2974, 0.3224, 0.3232



15.9714, 0.3170, 0.3105



12.1909, 0.3821, 0.1879



1.0282, 0.3725, 0.1825

Inverse Universe

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



77.8290, 0.3162, 0.3138



85.9159, 0.3168, 0.3114



85.2334, 0.3039, 0.3349



15.9714, 0.3170, 0.3105



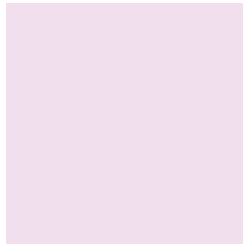
12.1909, 0.3821, 0.1879



1.0282, 0.3725, 0.1825

Previews

White Background



This preview shows how the Yxy color 77.8256, 0.3162, 0.3138 looks on a white background.

Color Contrast Check

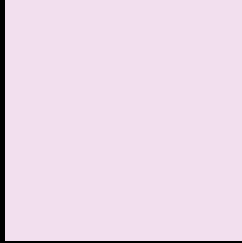
Large Text (above 18pt) WCAG AA × Fail

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 77.8256, 0.3162, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

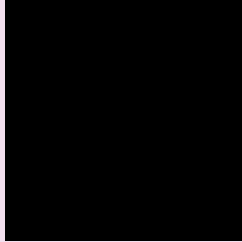
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

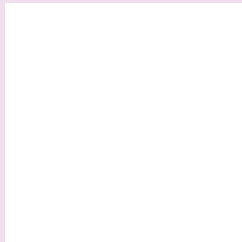
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8256, 0.3162, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 77.8256, 0.3162, 0.3138.

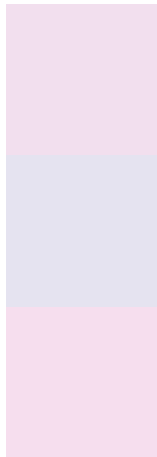


This preview shows how white text looks on a background with the Yxy color 77.8256, 0.3162, 0.3138.

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

77.8256, 0.3162, 0.3138

Protanopia

77.8875, 0.3058, 0.3155

Deuteranopia

78.0084, 0.3191, 0.3129



Tritanopia

77.9439, 0.3149, 0.3118

Trichromacy



Original Color

77.8256, 0.3162, 0.3138

Protanomaly

78.1171, 0.3099, 0.3156

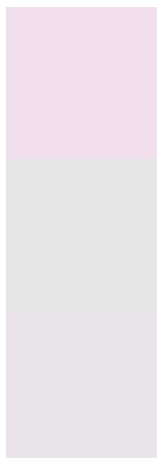
Deuteranomaly

77.8281, 0.3184, 0.3128

Tritanomaly

77.8846, 0.3156, 0.3128

Monochromacy



Original Color

77.8256, 0.3162, 0.3138

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.3138, 0.3137, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8256, 0.3162, 0.3138 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(242, 223, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 238)  
}
```

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(242, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 238) }
```

Border

The CSS property to change the border of an element to Yxy 77.8256, 0.3162, 0.3138 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(242, 223, 238) }
```

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

```
.border{ border-color:rgb(242, 223, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8256, 0.3162, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 238) }
```

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

```
.background{ background-color: rgb(242,  
223, 238) }
```

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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