

Converting Colors

$Y_{xy}(78.6736, 0.3179, 0.3188)$

Have a look what the booklet for
Yxy(78.6736, 0.3179, 0.3188)
contains.

Yxy(78.7258, 0.3181, 0.3188)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.7258, 0.3181, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1EB
RGB	242, 225, 235
RGB Percent	95%, 88%, 92%
CMY	0.0508, 0.1177, 0.0784
CMYK	0.00, 0.07, 0.03, 0.05
HSL	325°, 40%, 92%
HSV	325°, 7%, 95%
XYZ	78.5529, 78.7258, 89.6654
YIQ	231.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

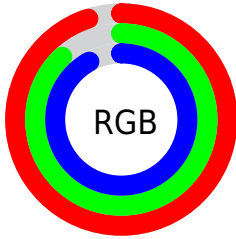
Format	Color
R_{YB}	242, 225, 235
Decimal	15917547
CIE Lab	91.11, 7.54, -2.79
CIE LCh	91, 8.040, 339.684
Yxy	78.7258, 0.3181, 0.3188
Android (android.graphics.Color)	4294107627 (0xFF2E1EB)
YUV	231.2230, 1.8621, 9.4514
Hunter-Lab	88.7276, 2.7577, 2.1926

Details

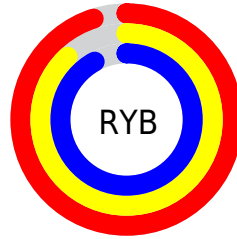
The Yxy color **78.7258, 0.3181, 0.3188** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3671, 0.3077, 0.3394**, and the grayscale version is **80.0747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4432, 0.3196, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **65.9968, 0.3270, 0.3037**, and if you desaturate by 10%, it is **93.3490, 0.3107, 0.3331**.

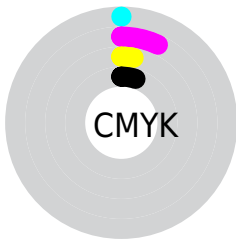
Distribution



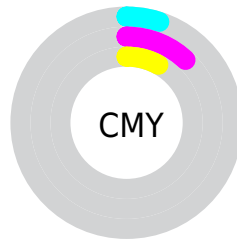
- Red (95%)
- Green (88%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7258, 0.3181, 0.3188 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 78.7258, 0.3181, 0.3188 by changing the saturation by 10% instead.

 78.7258, 0.3181,
0.3188

 78.7258, 0.3181,
0.3188

490.6282, 0.3157,
0.3234

 58.6704, 0.3186,
0.3178

131.5728, 0.3173,
0.3204

 42.3478, 0.3193,
0.3165


165.1331, 0.3169,
0.3210

 29.3738, 0.3201,
0.3149


203.9639, 0.3167,
0.3215

 19.3637, 0.3212,
0.3129

248.4495, 0.3164,
0.3220

 11.9334, 0.3227,
0.3101

298.9744, 0.3162,
0.3224

 6.6983, 0.3247,
0.3062

355.9229, 0.3160,

 3.2742, 0.3278,

0.3228

0.3004

419.6793, 0.3158,
0.3231

■ 1.2765, 0.3331,
0.2905

■ 0.1229, 0.3997,
0.1633

■ 78.7258, 0.3181,
0.3188

■ 78.7258, 0.3181,
0.3188

■ 65.9968, 0.3270,
0.3037

■ 93.3490, 0.3107,
0.3331

■ 55.0736, 0.3376,
0.2881

■ 97.6242, 0.3048,
0.3290

■ 45.8760, 0.3501,
0.2724

■ 97.6261, 0.3048,
0.3290

■ 38.3137, 0.3645,
0.2575

■ 32.2880, 0.3809,
0.2442

■ 27.6897, 0.3989,
0.2338

■ 24.3948, 0.4180,
0.2274

■ 22.2581, 0.4374,
0.2261

■ 21.0929, 0.4564,
0.2301

Harmonies

Analogous

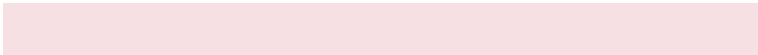
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7258, 0.3085, 0.3140



78.7258, 0.3181, 0.3188



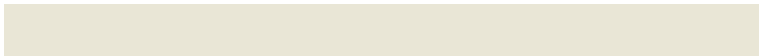
78.7258, 0.3263, 0.3262

Triad

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



78.7258, 0.3181, 0.3188



78.7258, 0.3252, 0.3452



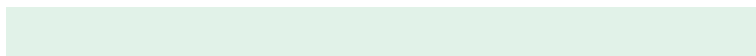
78.7258, 0.2949, 0.3231

Complementary

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



78.7258, 0.3181, 0.3188



85.3671, 0.3077, 0.3394

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.



78.7258, 0.2993, 0.3316



78.7258, 0.3181, 0.3188



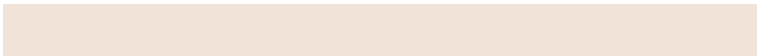
78.7258, 0.3167, 0.3446

Square

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



78.7258, 0.3181, 0.3188



78.7258, 0.3305, 0.3415



78.7258, 0.3072, 0.3396



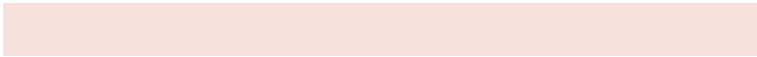
78.7258, 0.2953, 0.3164

Rectangle

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



78.7258, 0.3181, 0.3188



78.7258, 0.3299, 0.3318



78.7258, 0.3072, 0.3396



78.7258, 0.2959, 0.3259

Sweetspot

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



78.7292, 0.3181, 0.3188



96.6544, 0.3142, 0.3261



77.3822, 0.3065, 0.3114



20.7231, 0.3141, 0.3263



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.



78.7292, 0.3181, 0.3188



87.1381, 0.3189, 0.3174



78.2592, 0.3236, 0.3273



15.9148, 0.3201, 0.3152



11.2223, 0.4589, 0.2302



0.9533, 0.4358, 0.2174

Inverse Universe

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



78.7292, 0.3181, 0.3188



87.1381, 0.3189, 0.3174



85.8515, 0.3028, 0.3307



15.9148, 0.3201, 0.3152



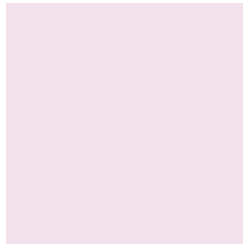
11.2223, 0.4589, 0.2302



0.9533, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 78.7258, 0.3181, 0.3188 looks on a white background.

Color Contrast Check

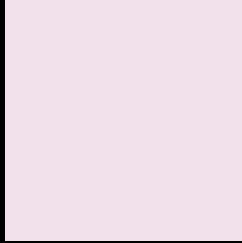
Large Text (above 18pt) WCAG AA × Fail

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 78.7258, 0.3181, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

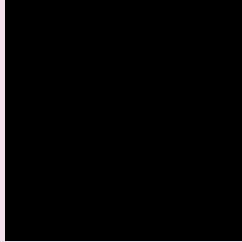
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

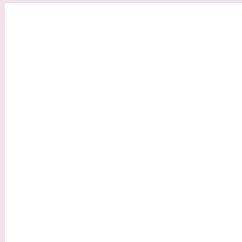
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7258, 0.3181, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 78.7258, 0.3181, 0.3188.

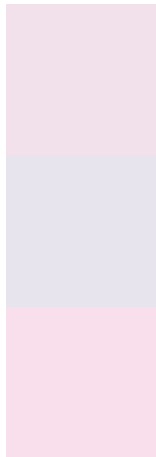


This preview shows how white text looks on a background with the Yxy color 78.7258, 0.3181, 0.3188.

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

78.7258, 0.3181, 0.3188

Protanopia

78.5902, 0.3091, 0.3197

Deuteranopia

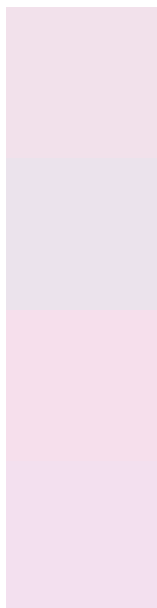
78.4384, 0.3226, 0.3150



Tritanopia

78.7768, 0.3143, 0.3108

Trichromacy



Original Color

78.7258, 0.3181, 0.3188

Protanomaly

78.6565, 0.3125, 0.3197

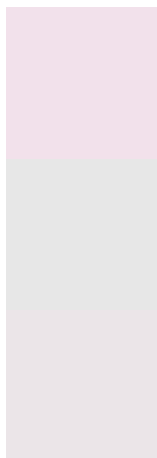
Deuteranomaly

78.4243, 0.3204, 0.3159

Tritanomaly

78.5980, 0.3162, 0.3138

Monochromacy



Original Color

78.7258, 0.3181, 0.3188

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5270, 0.3149, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7258, 0.3181, 0.3188 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, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 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(242, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 235) }
```

Border

The CSS property to change the border of an element to Yxy 78.7258, 0.3181, 0.3188 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, 225, 235) }
```

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

```
.border{ border-color:rgb(242, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7258, 0.3181, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 235) }
```

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

```
.background{ background-color: rgb(242,  
225, 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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