

Converting Colors

$Yxy(78.6924, 0.3214, 0.3228)$

Have a look what the booklet for
Yxy(78.6924, 0.3214, 0.3228)
contains.

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Color

Yxy(78.6746, 0.3214, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	F3E1E7
RGB	243, 225, 231
RGB Percent	95%, 88%, 91%
CMY	0.0471, 0.1176, 0.0941
CMYK	0.00, 0.07, 0.05, 0.05
HSL	340°, 43%, 92%
HSV	340°, 7%, 95%
XYZ	78.3091, 78.6746, 86.6663
YIQ	231.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

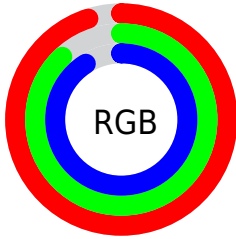
Format	Color
R_{YB}	243, 225, 231
Decimal	15983079
CIE Lab	91.09, 7.15, -0.72
CIE LCh	91, 7.190, 354.270
Yxy	78.6746, 0.3214, 0.3229
Android (android.graphics.Color)	4294173159 (0xFFFF3E1E7)
YUV	231.0660, -0.0325, 10.4661
Hunter-Lab	88.6987, 2.3690, 4.1576

Details

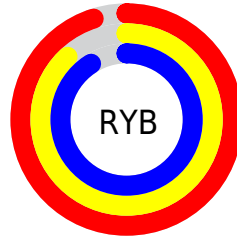
The Yxy color **78.6746, 0.3214, 0.3229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2175, 0.3047, 0.3352**, and the grayscale version is **79.9597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4094, 0.3240, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **65.5880, 0.3354, 0.3142**, and if you desaturate by 10%, it is **93.7222, 0.3100, 0.3311**.

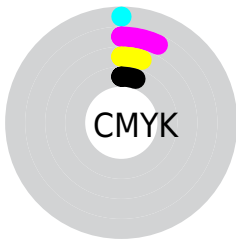
Distribution



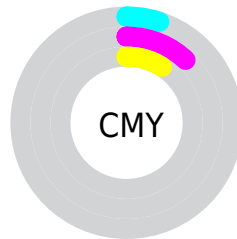
- Red (95%)
- Green (88%)
- Blue (91%)



- Red (95%)
- Yellow (88%)
- Blue (91%)



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




- Cyan (5%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6746, 0.3214, 0.3229 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 78.6746, 0.3214, 0.3229 by changing the saturation by 10% instead.


 78.6746, 0.3214,
0.3229

 78.6746, 0.3214,
0.3229

490.4548, 0.3174,
0.3257

 58.6283, 0.3223,
0.3223

131.5007, 0.3200,
0.3239

 42.3140, 0.3234,
0.3215


165.0492, 0.3195,
0.3242

 29.3472, 0.3248,
0.3205


203.8673, 0.3190,
0.3246

 19.3436, 0.3266,
0.3193

248.3394, 0.3186,
0.3248

 11.9189, 0.3290,
0.3176

298.8498, 0.3183,
0.3251

 6.6884, 0.3324,
0.3152

355.7829, 0.3180,

 3.2680, 0.3377,

0.3253

0.3115

419.5231, 0.3177,
0.3255

■ 1.2732, 0.3468,
0.3053

■ 0.1203, 0.4894,
0.2038

■ 78.6746, 0.3214,
0.3229

■ 78.6746, 0.3214,
0.3229

■ 65.5880, 0.3354,
0.3142

■ 93.7222, 0.3100,
0.3311

■ 54.3714, 0.3526,
0.3051

■ 97.7928, 0.3053,
0.3290

■ 44.9415, 0.3734,
0.2960

■ 37.2050, 0.3984,
0.2875

■ 31.0601, 0.4275,
0.2803

■ 26.3938, 0.4602,
0.2757

■ 23.0779, 0.4952,
0.2749

■ 20.9624, 0.5297,
0.2789

■ 19.8509, 0.5607,
0.2878

Harmonies

Analogous

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



78.6746, 0.3131, 0.3173



78.6746, 0.3214, 0.3229



78.6746, 0.3274, 0.3302

Triad

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



78.6746, 0.3214, 0.3229



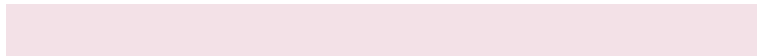
78.6746, 0.3205, 0.3437



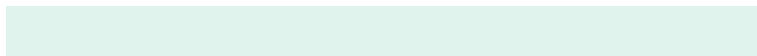
78.6746, 0.2964, 0.3205

Complementary

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



78.6746, 0.3214, 0.3229



86.2175, 0.3047, 0.3352

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.



78.6746, 0.2983, 0.3276



78.6746, 0.3214, 0.3229



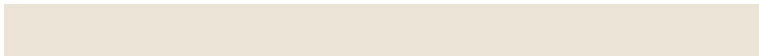
78.6746, 0.3121, 0.3412

Square

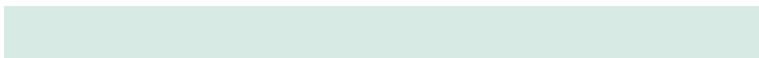
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



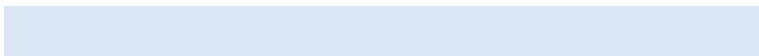
78.6746, 0.3214, 0.3229



78.6746, 0.3268, 0.3422



78.6746, 0.3040, 0.3352



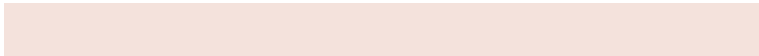
78.6746, 0.2988, 0.3158

Rectangle

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



78.6746, 0.3214, 0.3229



78.6746, 0.3292, 0.3350



78.6746, 0.3040, 0.3352



78.6746, 0.2965, 0.3227

Sweetspot

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



78.6780, 0.3214, 0.3229



96.5722, 0.3149, 0.3274



78.2778, 0.3092, 0.3106



20.7063, 0.3148, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

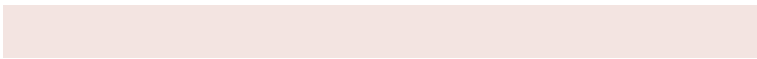
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6780, 0.3214, 0.3229



85.2755, 0.3235, 0.3215



79.8146, 0.3251, 0.3318



16.5738, 0.3241, 0.3211



10.8072, 0.5640, 0.2881



0.9682, 0.5290, 0.2688

Inverse Universe

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



78.6780, 0.3214, 0.3229



85.2755, 0.3235, 0.3215



84.9718, 0.3013, 0.3262



16.5738, 0.3241, 0.3211



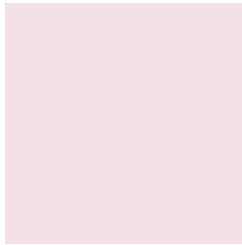
10.8072, 0.5640, 0.2881



0.9682, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 78.6746, 0.3214, 0.3229 looks on a white background.

Color Contrast Check

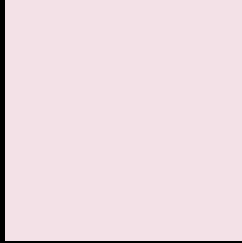
Large Text (above 18pt) WCAG AA × Fail

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 78.6746, 0.3214, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

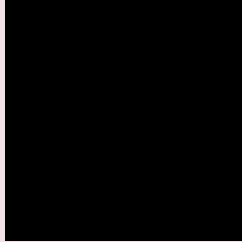
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

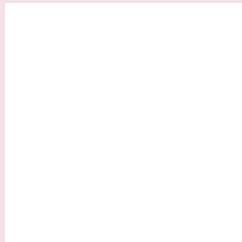
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6746, 0.3214, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 78.6746, 0.3214, 0.3229.

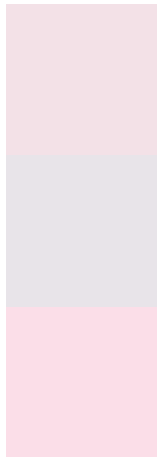


This preview shows how white text looks on a background with the Yxy color 78.6746, 0.3214, 0.3229.

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

78.6746, 0.3214, 0.3229

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

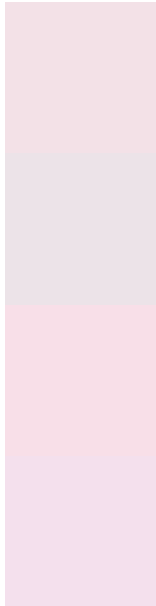
78.5780, 0.3267, 0.3190



Tritanopia

78.3593, 0.3157, 0.3108

Trichromacy



Original Color

78.6746, 0.3214, 0.3229

Protanomaly

78.5972, 0.3157, 0.3238

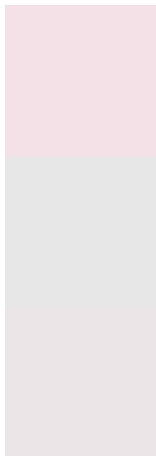
Deuteranomaly

78.5580, 0.3245, 0.3200

Tritanomaly

78.6588, 0.3182, 0.3159

Monochromacy



Original Color

78.6746, 0.3214, 0.3229

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.4703, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6746, 0.3214, 0.3229 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(243, 225, 231)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 231)  
}
```

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(243, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 231) }
```

Border

The CSS property to change the border of an element to Yxy 78.6746, 0.3214, 0.3229 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(243, 225, 231) }
```

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

```
.border{ border-color:rgb(243, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6746, 0.3214, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 231) }
```

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

```
.background{ background-color: rgb(243,  
225, 231) }
```

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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