

Converting Colors

$Yxy(78.9658, 0.3257, 0.3130)$

Have a look what the booklet for
Yxy(78.9658, 0.3257, 0.3130)
contains.

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Color

Yxy(78.8982, 0.3255, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FEDDED
RGB	254, 221, 237
RGB Percent	100%, 87%, 93%
CMY	0.0042, 0.1332, 0.0706
CMYK	0.00, 0.13, 0.07, 0.00
HSL	331°, 94%, 93%
HSV	331°, 13%, 100%
XYZ	81.9967, 78.8982, 91.0151
YIQ	232.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

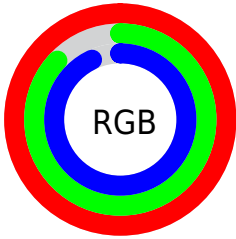
Format	Color
RYB	254, 221, 237
Decimal	16702957
CIELab	91.19, 13.96, -3.59
CIELCh	91, 14.417, 345.570
Yxy	78.8982, 0.3255, 0.3132
Android (android.graphics.Color)	4294893037 (0xFFFEDED)
YUV	232.6910, 2.1243, 18.6880
Hunter-Lab	88.8247, 9.3355, 1.4252

Details

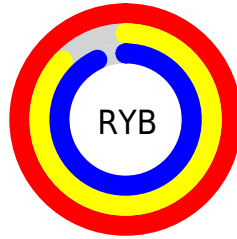
The Yxy color **78.8982, 0.3255, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.3939, 0.3016, 0.3454**, and the grayscale version is **81.2140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4789, 0.3284, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **65.7518, 0.3378, 0.3003**, and if you desaturate by 10%, it is **94.1355, 0.3154, 0.3255**.

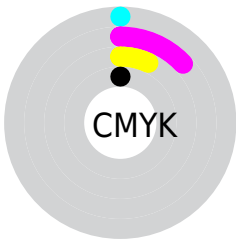
Distribution



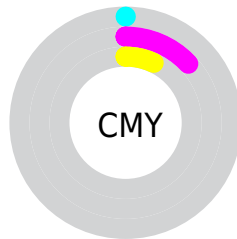
- Red (100%)
- Green (87%)
- Blue (93%)



- Red (100%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8982, 0.3255, 0.3132 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 78.8982, 0.3255, 0.3132 by changing the saturation by 10% instead.


 78.8982, 0.3255,
0.3132

 78.8982, 0.3255,
0.3132


491.2119, 0.3197,
0.3203

 58.8121, 0.3268,
0.3116


131.8155, 0.3235,
0.3156

 42.4619, 0.3284,
0.3097


165.4156, 0.3227,
0.3166

 29.4631, 0.3304,
0.3073


204.2891, 0.3221,
0.3174

 19.4315, 0.3329,
0.3041

248.8204, 0.3215,
0.3182

 11.9824, 0.3364,
0.3000

299.3939, 0.3210,
0.3188

 6.7317, 0.3412,
0.2942

356.3941, 0.3205,

 3.2949, 0.3485,

0.3194

0.2854

420.2053, 0.3201,
0.3199

■ 1.2876, 0.3609,
0.2709

■ 0.1315, 0.4697,
0.1326

■ 78.8982, 0.3255,
0.3132

■ 78.8982, 0.3255,
0.3132

■ 65.7518, 0.3378,
0.3003

■ 94.1355, 0.3154,
0.3255

■ 54.5938, 0.3525,
0.2872

99.7993, 0.3121,
0.3290

■ 45.3289, 0.3699,
0.2743

■ 37.8496, 0.3901,
0.2626

■ 32.0376, 0.4130,
0.2532

■ 27.7602, 0.4380,
0.2473

■ 24.8639, 0.4640,
0.2461

■ 23.1628, 0.4895,
0.2506

■ 22.4922, 0.5066,
0.2565

Harmonies

Analogous

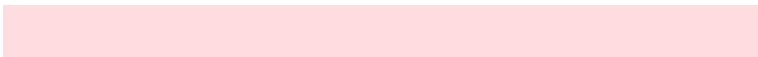
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8982, 0.3084, 0.3037



78.8982, 0.3255, 0.3132



78.8982, 0.3394, 0.3267

Triad

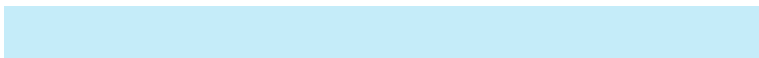
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8982, 0.3255, 0.3132



78.8982, 0.3324, 0.3587



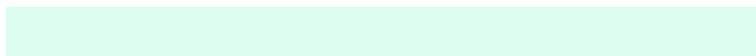
78.8982, 0.2806, 0.3154

Complementary

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



78.8982, 0.3255, 0.3132



92.3939, 0.3016, 0.3454

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.



78.8982, 0.2866, 0.3305



78.8982, 0.3255, 0.3132



78.8982, 0.3163, 0.3561

Square

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



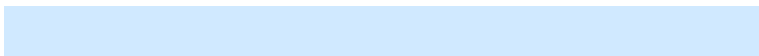
78.8982, 0.3255, 0.3132



78.8982, 0.3434, 0.3530



78.8982, 0.2996, 0.3456



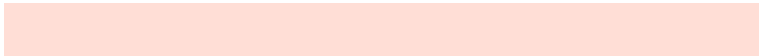
78.8982, 0.2828, 0.3046

Rectangle

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



78.8982, 0.3255, 0.3132



78.8982, 0.3448, 0.3365



78.8982, 0.2996, 0.3456



78.8982, 0.2817, 0.3201

Sweetspot

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



78.9017, 0.3255, 0.3132



93.3300, 0.3163, 0.3243



76.9687, 0.3029, 0.2958



19.7164, 0.3170, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

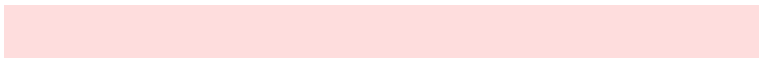
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9017, 0.3255, 0.3132



75.3938, 0.3290, 0.3093



78.0102, 0.3365, 0.3291



18.1338, 0.3218, 0.3175



11.8942, 0.5029, 0.2544



1.1801, 0.4766, 0.2399

Inverse Universe

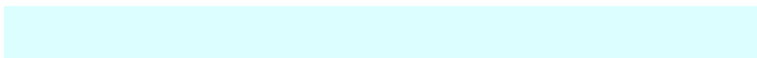
The Inverse Universe completely reimagines the original color for something new.



78.9017, 0.3255, 0.3132



75.3938, 0.3290, 0.3093



93.3736, 0.2929, 0.3289



18.1338, 0.3218, 0.3175



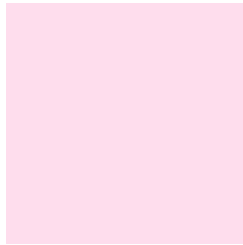
11.8942, 0.5029, 0.2544



1.1801, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 78.8982, 0.3255, 0.3132 looks on a white background.

Color Contrast Check

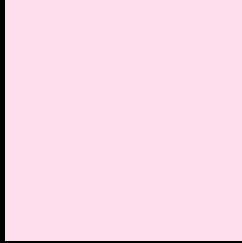
Large Text (above 18pt) WCAG AA × Fail

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 78.8982, 0.3255, 0.3132 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 78.8982, 0.3255, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 78.8982, 0.3255, 0.3132.

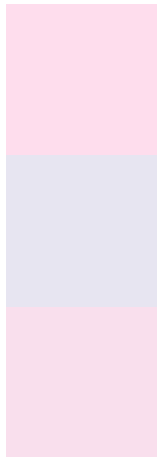


This preview shows how white text looks on a background with the Yxy color 78.8982, 0.3255, 0.3132.

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

78.8982, 0.3255, 0.3132

Protanopia

79.3784, 0.3065, 0.3166

Deuteranopia

79.0295, 0.3218, 0.3150



Tritanopia

78.9568, 0.3249, 0.3122

Trichromacy



Original Color

78.8982, 0.3255, 0.3132

Protanomaly

79.0347, 0.3127, 0.3147

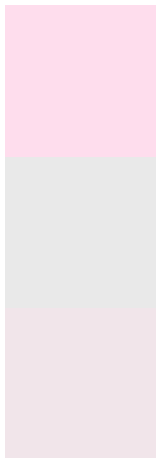
Deuteranomaly

78.8662, 0.3233, 0.3141

Tritanomaly

78.9568, 0.3249, 0.3122

Monochromacy



Original Color

78.8982, 0.3255, 0.3132

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.6799, 0.3178, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8982, 0.3255, 0.3132 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(254, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 237)  
}
```

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(254, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.8982, 0.3255, 0.3132 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(254, 221, 237) }
```

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

```
.border{ border-color:rgb(254, 221, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8982, 0.3255, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 237) }
```

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

```
.background{ background-color: rgb(254,  
221, 237) }
```

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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