

Converting Colors

$Y_{xy}(78.5902, 0.3298, 0.3178)$

Have a look what the booklet for
Yxy(78.5902, 0.3298, 0.3178)
contains.

Yxy(78.7991, 0.3297, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.7991, 0.3297, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE8
RGB	255, 221, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1334, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	341°, 100%, 93%
HSV	341°, 13%, 100%
XYZ	81.6726, 78.7991, 87.2463
YIQ	232.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

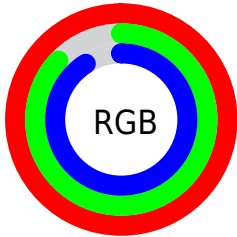
Format	Color
R _Y B	255, 221, 232
Decimal	16768488
CIE Lab	91.14, 13.53, -1.03
CIE LCh	91, 13.568, 355.633
Yxy	78.7991, 0.3297, 0.3181
Android (android.graphics.Color)	4294958568 (0xFFFFDDE8)
YUV	232.4200, -0.2071, 19.8027
Hunter-Lab	88.7689, 8.8851, 3.8651

Details

The Yxy color **78.7991, 0.3297, 0.3181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4222, 0.2982, 0.3402**, and the grayscale version is **81.0143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4128, 0.3339, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **65.4044, 0.3458, 0.3094**, and if you desaturate by 10%, it is **94.3260, 0.3165, 0.3264**.

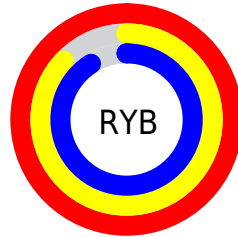
Distribution



Red (100%)

Green (87%)

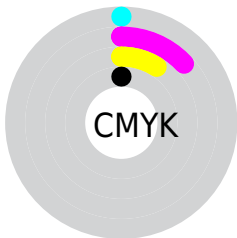
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

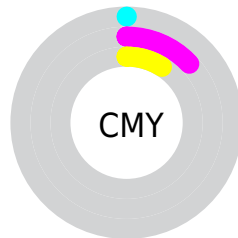


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7991, 0.3297, 0.3181 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 78.7991, 0.3297, 0.3181 by changing the saturation by 10% instead.

 78.7991, 0.3297,
0.3181

 78.7991, 0.3297,
0.3181


490.8764, 0.3220,
0.3231

 58.7306, 0.3314,
0.3170


131.6760, 0.3270,
0.3198

 42.3963, 0.3336,
0.3156


165.2532, 0.3260,
0.3205

 29.4118, 0.3363,
0.3139


204.1022, 0.3251,
0.3210

 19.3925, 0.3398,
0.3117

248.6072, 0.3243,
0.3216

 11.9542, 0.3445,
0.3087

299.1528, 0.3236,
0.3220

 6.7125, 0.3512,
0.3045

356.1232, 0.3230,

 3.2830, 0.3614,

0.3224

0.2981

419.9030, 0.3225,
0.3227

■ 1.2812, 0.3790,
0.2872

■ 0.1266, 0.5724,
0.1608

■ 78.7991, 0.3297,
0.3181

■ 78.7991, 0.3297,
0.3181

■ 65.4044, 0.3458,
0.3094

■ 94.3260, 0.3165,
0.3264

■ 54.0607, 0.3655,
0.3005

100.0000, 0.3127,
0.3290

■ 44.6615, 0.3892,
0.2919

■ 37.0963, 0.4173,
0.2843

■ 31.2432, 0.4494,
0.2788

■ 26.9653, 0.4844,
0.2765

■ 24.1046, 0.5200,
0.2788

■ 22.4691, 0.5532,
0.2860

■ 21.8772, 0.5726,
0.2928

Harmonies

Analogous

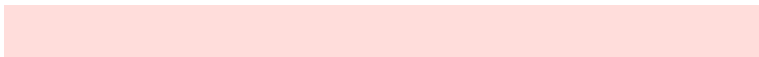
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7991, 0.3141, 0.3076



78.7991, 0.3297, 0.3181



78.7991, 0.3408, 0.3315

Triad

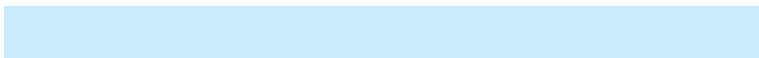
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7991, 0.3297, 0.3181



78.7991, 0.3265, 0.3570



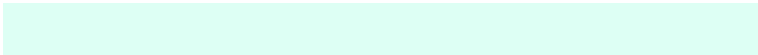
78.7991, 0.2822, 0.3122

Complementary

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



78.7991, 0.3297, 0.3181



93.4222, 0.2982, 0.3402

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.



78.7991, 0.2854, 0.3254



78.7991, 0.3297, 0.3181



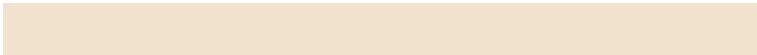
78.7991, 0.3107, 0.3519

Square

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



78.7991, 0.3297, 0.3181



78.7991, 0.3389, 0.3542



78.7991, 0.2957, 0.3401



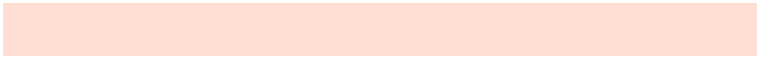
78.7991, 0.2870, 0.3039

Rectangle

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



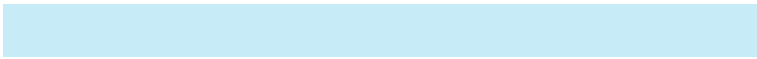
78.7991, 0.3297, 0.3181



78.7991, 0.3440, 0.3405



78.7991, 0.2957, 0.3401



78.7991, 0.2824, 0.3162

Sweetspot

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



78.7946, 0.3297, 0.3181



93.2274, 0.3173, 0.3258



78.1016, 0.3065, 0.2952



19.6904, 0.3182, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

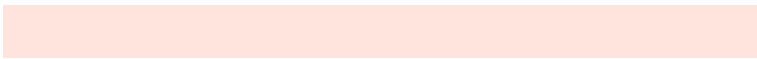
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7946, 0.3297, 0.3181



75.0228, 0.3336, 0.3158



81.2323, 0.3365, 0.3347



18.0840, 0.3243, 0.3213



11.4554, 0.5683, 0.2904



1.1344, 0.5364, 0.2729

Inverse Universe

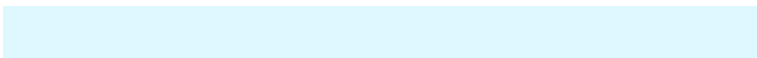
The Inverse Universe completely reimagines the original color for something new.



78.7946, 0.3297, 0.3181



75.0228, 0.3336, 0.3158



90.5476, 0.2921, 0.3232



18.0840, 0.3243, 0.3213



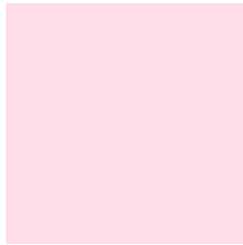
11.4554, 0.5683, 0.2904



1.1344, 0.5364, 0.2729

Previews

White Background



This preview shows how the Yxy color 78.7991, 0.3297, 0.3181 looks on a white background.

Color Contrast Check

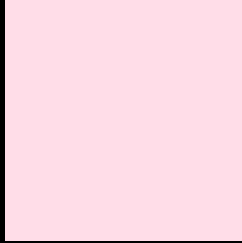
Large Text (above 18pt) WCAG AA × Fail

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 78.7991, 0.3297, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

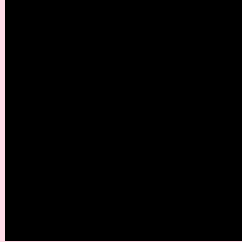
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7991, 0.3297, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 78.7991, 0.3297, 0.3181.

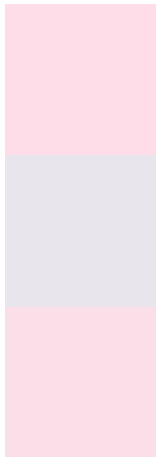


This preview shows how white text looks on a background with the Yxy color 78.7991, 0.3297, 0.3181.

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

78.7991, 0.3297, 0.3181

Protanopia

79.2506, 0.3103, 0.3217

Deuteranopia

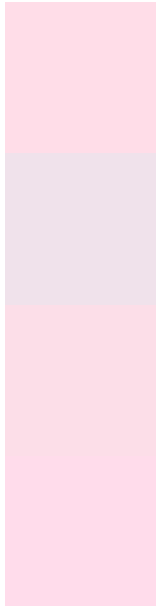
79.1108, 0.3266, 0.3200



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.7991, 0.3297, 0.3181

Protanomaly

78.9161, 0.3166, 0.3198

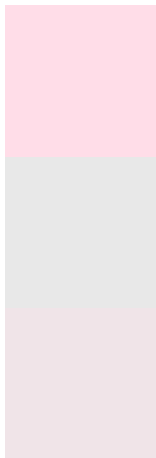
Deuteranomaly

78.7642, 0.3274, 0.3190

Tritanomaly

78.4446, 0.3277, 0.3142

Monochromacy



Original Color

78.7991, 0.3297, 0.3181

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8383, 0.3184, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7991, 0.3297, 0.3181 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(255, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 232)  
}
```

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(255, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 232) }
```

Border

The CSS property to change the border of an element to Yxy 78.7991, 0.3297, 0.3181 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(255, 221, 232) }
```

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

```
.border{ border-color:rgb(255, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 232); box-shadow:4px 4px 4px 4px rgb(255, 221, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7991, 0.3297, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 232) }
```

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

```
.background{ background-color: rgb(255,  
221, 232) }
```

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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