

Converting Colors

$Y_{xy}(81.9765, 0.3365, 0.3159)$

Have a look what the booklet for
Yxy(81.9765, 0.3365, 0.3159)
contains.

Yxy(79.5587, 0.3268, 0.3152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.5587, 0.3268, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEEC
RGB	255, 222, 236
RGB Percent	100%, 87%, 93%
CMY	0.0002, 0.1293, 0.0745
CMYK	0.00, 0.13, 0.07, 0.00
HSL	335°, 100%, 94%
HSV	335°, 13%, 100%
XYZ	82.4866, 79.5587, 90.3617
YIQ	233.4630, 15.1740, 11.3500

Conversions

Conversions Part 2

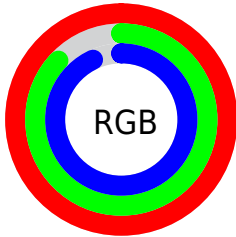
Format	Color
R _Y B	255, 222, 236
Decimal	16768748
CIE Lab	91.49, 13.62, -2.63
CIE LCh	91, 13.874, 349.087
Yxy	79.5587, 0.3268, 0.3152
Android (android.graphics.Color)	4294958828 (0xFFFFDEEC)
YUV	233.4630, 1.2507, 18.8879
Hunter-Lab	89.1957, 8.9813, 2.3719

Details

The Yxy color **79.5587, 0.3268, 0.3152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.3704, 0.3005, 0.3432**, and the grayscale version is **81.8328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9385, 0.3301, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **66.2074, 0.3404, 0.3039**, and if you desaturate by 10%, it is **95.0348, 0.3156, 0.3260**.

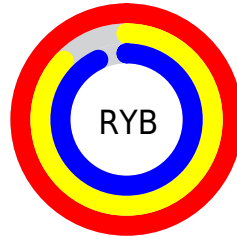
Distribution



Red (100%)

Green (87%)

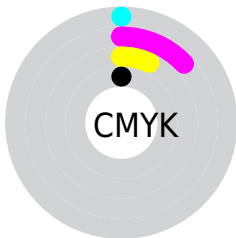
Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

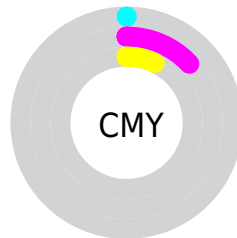


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5587, 0.3268, 0.3152 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 79.5587, 0.3268, 0.3152 by changing the saturation by 10% instead.

 79.5587, 0.3268,
0.3152

 79.5587, 0.3268,
0.3152

493.4444, 0.3204,
0.3214

 59.3553, 0.3282,
0.3138

132.7451, 0.3246,
0.3173

 42.8992, 0.3300,
0.3121


166.4969, 0.3238,
0.3182

 29.8060, 0.3322,
0.3100


205.5336, 0.3230,
0.3189

 19.6914, 0.3350,
0.3073

250.2395, 0.3224,
0.3195

 12.1709, 0.3388,
0.3036

300.9992, 0.3218,
0.3201

 6.8602, 0.3442,
0.2985

358.1970, 0.3213,

 3.3748, 0.3524,

0.3206

0.2908

422.2172, 0.3208,
0.3210

■ 1.3304, 0.3662,
0.2780

■ 0.1646, 0.4811,
0.1619

■ 79.5587, 0.3268,
0.3152

■ 79.5587, 0.3268,
0.3152

■ 66.2074, 0.3404,
0.3039

■ 95.0348, 0.3156,
0.3260

■ 54.8771, 0.3569,
0.2923

99.9903, 0.3127,
0.3290

■ 45.4711, 0.3766,
0.2810

■ 37.8802, 0.3996,
0.2708

■ 31.9846, 0.4259,
0.2627

■ 27.6496, 0.4546,
0.2582

■ 24.7198, 0.4844,
0.2583

■ 23.0070, 0.5134,
0.2640

■ 22.3369, 0.5325,
0.2707

Harmonies

Analogous

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



79.5587, 0.3105, 0.3055



79.5587, 0.3268, 0.3152



79.5587, 0.3395, 0.3285

Triad

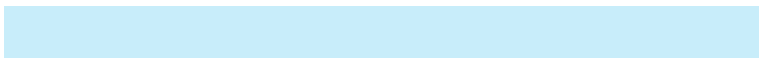
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5587, 0.3268, 0.3152



79.5587, 0.3300, 0.3576



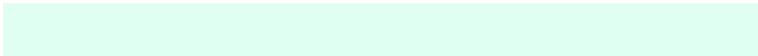
79.5587, 0.2817, 0.3145

Complementary

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



79.5587, 0.3268, 0.3152



93.3704, 0.3005, 0.3432

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.



79.5587, 0.2866, 0.3286



79.5587, 0.3268, 0.3152



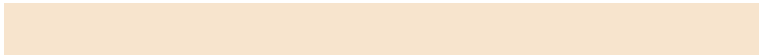
79.5587, 0.3143, 0.3541

Square

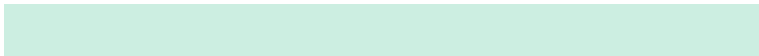
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



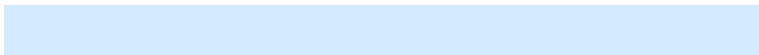
79.5587, 0.3268, 0.3152



79.5587, 0.3413, 0.3530



79.5587, 0.2984, 0.3434



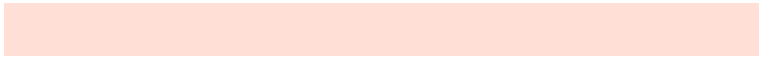
79.5587, 0.2848, 0.3047

Rectangle

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



79.5587, 0.3268, 0.3152



79.5587, 0.3440, 0.3378



79.5587, 0.2984, 0.3434



79.5587, 0.2824, 0.3189

Sweetspot

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



79.5622, 0.3268, 0.3152



93.2914, 0.3167, 0.3248



78.1176, 0.3045, 0.2961



19.7066, 0.3175, 0.3241



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

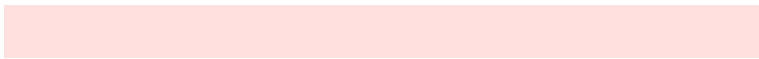
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5622, 0.3268, 0.3152



76.6390, 0.3294, 0.3129



79.9553, 0.3361, 0.3313



18.1150, 0.3227, 0.3190



11.7052, 0.5284, 0.2684



1.1610, 0.4992, 0.2524

Inverse Universe

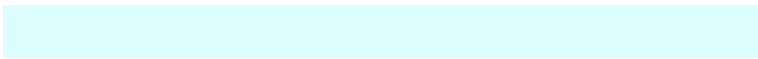
The Inverse Universe completely reimagines the original color for something new.



79.5622, 0.3268, 0.3152



76.6390, 0.3294, 0.3129



92.8455, 0.2929, 0.3267



18.1150, 0.3227, 0.3190



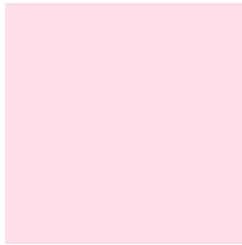
11.7052, 0.5284, 0.2684



1.1610, 0.4992, 0.2524

Previews

White Background



This preview shows how the Yxy color 79.5587, 0.3268, 0.3152 looks on a white background.

Color Contrast Check

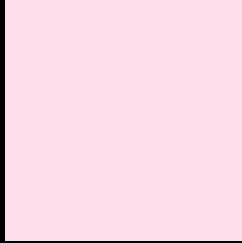
Large Text (above 18pt) WCAG AA × Fail

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 79.5587, 0.3268, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

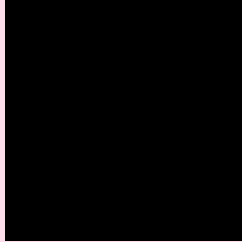
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5587, 0.3268, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 79.5587, 0.3268, 0.3152.

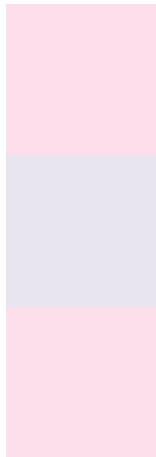


This preview shows how white text looks on a background with the Yxy color 79.5587, 0.3268, 0.3152.

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

79.5587, 0.3268, 0.3152

Protanopia

79.4857, 0.3078, 0.3176

Deuteranopia

79.8767, 0.3238, 0.3171



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.5587, 0.3268, 0.3152

Protanomaly

79.1500, 0.3140, 0.3158

Deuteranomaly

79.5269, 0.3246, 0.3161

Tritanomaly

79.6756, 0.3255, 0.3132

Monochromacy



Original Color

79.5587, 0.3268, 0.3152

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 79.5587, 0.3268, 0.3152 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, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 236)  
}
```

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, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.5587, 0.3268, 0.3152 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, 222, 236) }
```

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

```
.border{ border-color:rgb(255, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5587, 0.3268, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 236) }
```

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

```
.background{ background-color: rgb(255,  
222, 236) }
```

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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