

Converting Colors

$Y_{xy}(79.4159, 0.3275, 0.3160)$

Have a look what the booklet for
Yxy(79.4159, 0.3275, 0.3160)
contains.

Yxy(79.5007, 0.3275, 0.3162)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.5007, 0.3275, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEEB
RGB	255, 222, 235
RGB Percent	100%, 87%, 92%
CMY	0.0002, 0.1293, 0.0785
CMYK	0.00, 0.13, 0.08, 0.00
HSL	336°, 100%, 94%
HSV	336°, 13%, 100%
XYZ	82.3418, 79.5007, 89.5829
YIQ	233.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

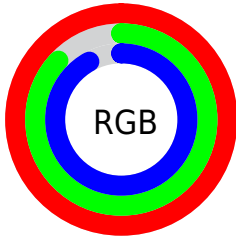
Format	Color
R_{YB}	255, 222, 235
Decimal	16768747
CIE _{Lab}	91.46, 13.46, -2.13
CIE _{LCh}	91, 13.624, 351.005
Yxy	79.5007, 0.3275, 0.3162
Android (android.graphics.Color)	4294958827 (0xFFFFDEEB)
YUV	233.3490, 0.8139, 18.9879
Hunter-Lab	89.1632, 8.8085, 2.8451

Details

The Yxy color **79.5007, 0.3275, 0.3162** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4377, 0.2999, 0.3422**, and the grayscale version is **81.7454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8979, 0.3310, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **66.1119, 0.3419, 0.3057**, and if you desaturate by 10%, it is **95.0222, 0.3157, 0.3262**.

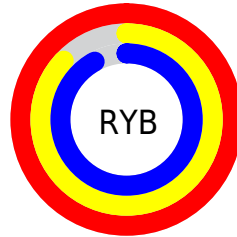
Distribution



Red (100%)

Green (87%)

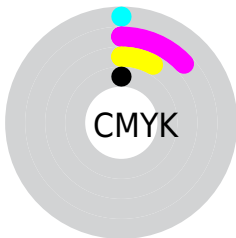
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

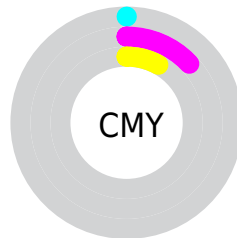


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5007, 0.3275, 0.3162 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 79.5007, 0.3275, 0.3162 by changing the saturation by 10% instead.


 79.5007, 0.3275,
0.3162

 79.5007, 0.3275,
0.3162


493.2486, 0.3208,
0.3220

 59.3076, 0.3290,
0.3149


132.6635, 0.3252,
0.3182

 42.8608, 0.3309,
0.3133


166.4020, 0.3243,
0.3190

 29.7759, 0.3332,
0.3113


205.4244, 0.3235,
0.3196

 19.6685, 0.3362,
0.3088

250.1150, 0.3228,
0.3202

 12.1543, 0.3402,
0.3054

300.8584, 0.3222,
0.3207

 6.8489, 0.3459,
0.3006

358.0388, 0.3217,

 3.3678, 0.3545,

0.3212

0.2934

422.0408, 0.3212,
0.3216

■ 1.3266, 0.3693,
0.2813

■ 0.1617, 0.4977,
0.1669

■ 79.5007, 0.3275,
0.3162

■ 79.5007, 0.3275,
0.3162

■ 66.1119, 0.3419,
0.3057

■ 95.0222, 0.3157,
0.3262

■ 54.7516, 0.3593,
0.2949

99.9920, 0.3127,
0.3290

■ 45.3226, 0.3801,
0.2844

■ 37.7158, 0.4046,
0.2750

■ 31.8106, 0.4327,
0.2677

■ 27.4721, 0.4633,
0.2638

■ 24.5445, 0.4951,
0.2646

■ 22.8390, 0.5255,
0.2708

■ 22.1772, 0.5454,
0.2778

Harmonies

Analogous

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



79.5007, 0.3116, 0.3064



79.5007, 0.3275, 0.3162



79.5007, 0.3396, 0.3294

Triad

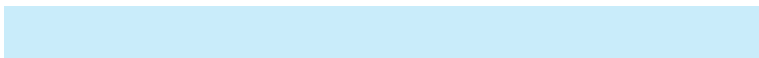
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5007, 0.3275, 0.3162



79.5007, 0.3288, 0.3571



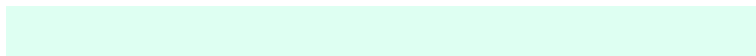
79.5007, 0.2822, 0.3140

Complementary

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



79.5007, 0.3275, 0.3162



93.4377, 0.2999, 0.3422

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.



79.5007, 0.2865, 0.3277



79.5007, 0.3275, 0.3162



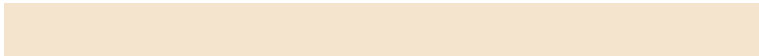
79.5007, 0.3132, 0.3532

Square

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



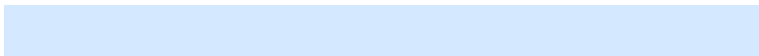
79.5007, 0.3275, 0.3162



79.5007, 0.3403, 0.3531



79.5007, 0.2978, 0.3423



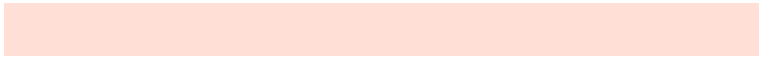
79.5007, 0.2857, 0.3048

Rectangle

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



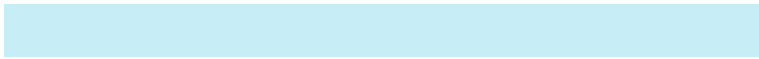
79.5007, 0.3275, 0.3162



79.5007, 0.3437, 0.3385



79.5007, 0.2978, 0.3423



79.5007, 0.2827, 0.3182

Sweetspot

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



79.5042, 0.3275, 0.3162



93.2716, 0.3169, 0.3252



78.3119, 0.3052, 0.2961



19.7016, 0.3177, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

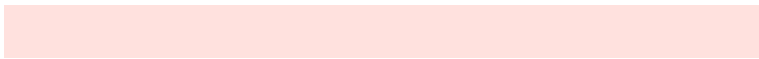
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5042, 0.3275, 0.3162



75.1814, 0.3316, 0.3130



80.5496, 0.3360, 0.3324



18.1054, 0.3232, 0.3197



11.6197, 0.5412, 0.2755



1.1521, 0.5108, 0.2587

Inverse Universe

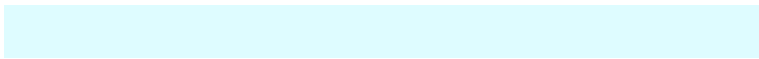
The Inverse Universe completely reimagines the original color for something new.



79.5042, 0.3275, 0.3162



75.1814, 0.3316, 0.3130



92.1610, 0.2928, 0.3256



18.1054, 0.3232, 0.3197



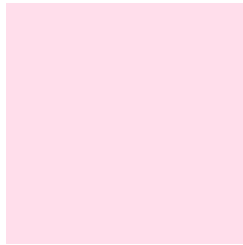
11.6197, 0.5412, 0.2755



1.1521, 0.5108, 0.2587

Previews

White Background



This preview shows how the Yxy color 79.5007, 0.3275, 0.3162 looks on a white background.

Color Contrast Check

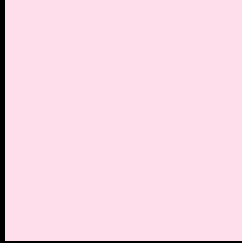
Large Text (above 18pt) WCAG AA × Fail

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 79.5007, 0.3275, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

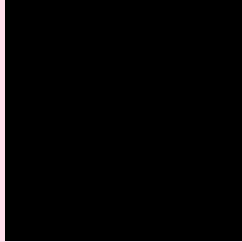
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5007, 0.3275, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 79.5007, 0.3275, 0.3162.

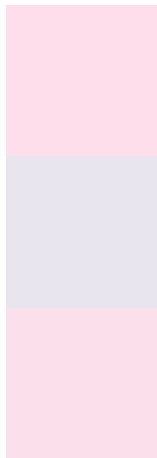


This preview shows how white text looks on a background with the Yxy color 79.5007, 0.3275, 0.3162.

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

79.5007, 0.3275, 0.3162

Protanopia

79.4264, 0.3084, 0.3187

Deuteranopia

79.2827, 0.3246, 0.3170



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.5007, 0.3275, 0.3162

Protanomaly

79.0910, 0.3147, 0.3168

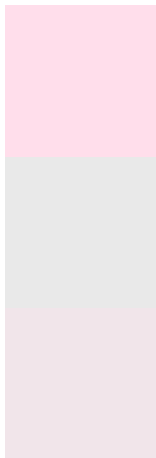
Deuteranomaly

79.4690, 0.3253, 0.3171

Tritanomaly

79.6756, 0.3255, 0.3132

Monochromacy



Original Color

79.5007, 0.3275, 0.3162

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 79.5007, 0.3275, 0.3162 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 235) }
```

Border

The CSS property to change the border of an element to Yxy 79.5007, 0.3275, 0.3162 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, 235) }
```

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

```
.border{ border-color:rgb(255, 222, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
235) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 79.5007, 0.3275, 0.3162$ 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, 235) }
```

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

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