

Converting Colors

$Y_{xy}(79.8869, 0.3436, 0.3434)$

Have a look what the booklet for
Yxy(79.8869, 0.3436, 0.3434)
contains.

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Color

Yxy(79.8136, 0.3437, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1D3
RGB	255, 225, 211
RGB Percent	100%, 88%, 83%
CMY	0.0000, 0.1177, 0.1726
CMYK	0.00, 0.12, 0.17, 0.00
HSL	19°, 100%, 91%
HSV	19°, 17%, 100%
XYZ	79.9299, 79.8136, 72.8136
YIQ	232.3740, 22.3740, 2.0060

Conversions

Conversions Part 2

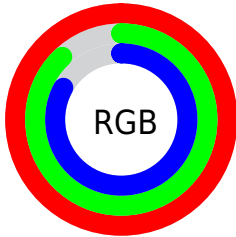
Format	Color
R _Y B	255, 232, 211
Decimal	16769491
CIE Lab	91.60, 8.15, 10.62
CIE LCh	92, 13.389, 52.507
Yxy	79.8136, 0.3437, 0.3432
Android (android.graphics.Color)	4294959571 (0xFFFFE1D3)
YUV	232.3740, -10.5374, 19.8430
Hunter-Lab	89.3385, 3.3592, 14.2137

Details

The Yxy color $79.8136, 0.3437, 0.3432$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.9743, 0.2859, 0.3144$, and the grayscale version is $81.0557, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.1555, 0.3513, 0.3472$ is the 20% darker color. If you saturate the color by 10%, you get $69.7067, 0.3662, 0.3520$, and if you desaturate by 10%, it is $91.0763, 0.3246, 0.3348$.

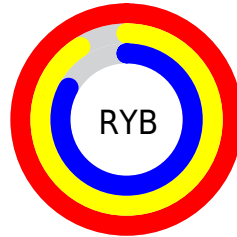
Distribution



Red (100%)

Green (88%)

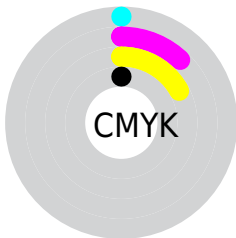
Blue (83%)



Red (100%)

Yellow (91%)

Blue (83%)

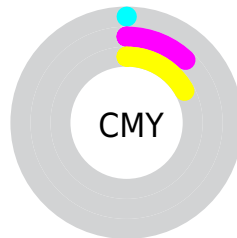


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8136, 0.3437, 0.3432 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 79.8136, 0.3437, 0.3432 by changing the saturation by 10% instead.


 79.8136, 0.3437,
0.3432

 79.8136, 0.3437,
0.3432


494.3044, 0.3295,
0.3369

 59.5650, 0.3469,
0.3446


133.1036, 0.3388,
0.3411

 43.0681, 0.3509,
0.3462


166.9138, 0.3369,
0.3402

 29.9385, 0.3558,
0.3483


206.0133, 0.3352,
0.3395

 19.7919, 0.3623,
0.3509

250.7866, 0.3338,
0.3389

 12.2439, 0.3710,
0.3543

301.6179, 0.3325,
0.3383

 6.9100, 0.3834,
0.3589

358.8917, 0.3314,

 3.4059, 0.4022,

0.3378

0.3653

422.9924, 0.3304,
0.3373

■ 1.3471, 0.4382,
0.3779

■ 0.1773, 0.6746,
0.3254

■ 79.8136, 0.3437,
0.3432

■ 79.8136, 0.3437,
0.3432

■ 69.7067, 0.3662,
0.3520

■ 91.0763, 0.3246,
0.3348

■ 60.7237, 0.3925,
0.3609

100.0000, 0.3127,
0.3290

■ 52.8223, 0.4229,
0.3692

■ 45.9599, 0.4568,
0.3762

■ 40.0907, 0.4931,
0.3807

■ 35.1651, 0.5294,
0.3815

■ 31.1286, 0.5624,
0.3774

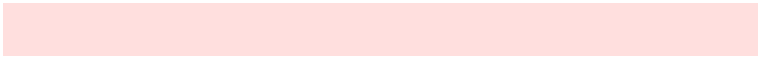
■ 27.9185, 0.5887,
0.3685

■ 27.1681, 0.5950,
0.3658

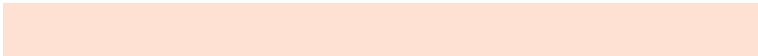
Harmonies

Analogous

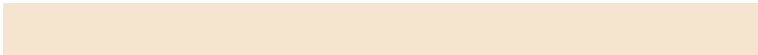
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8136, 0.3395, 0.3301



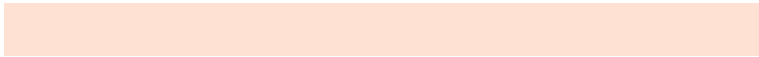
79.8136, 0.3437, 0.3432



79.8136, 0.3393, 0.3530

Triad

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



79.8136, 0.3437, 0.3432



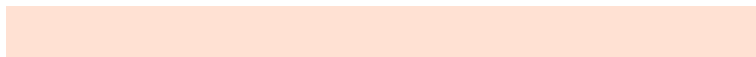
79.8136, 0.2974, 0.3413



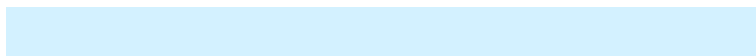
79.8136, 0.2973, 0.3027

Complementary

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



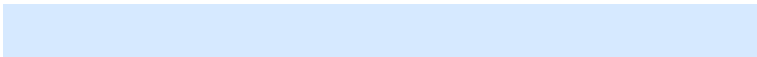
79.8136, 0.3437, 0.3432



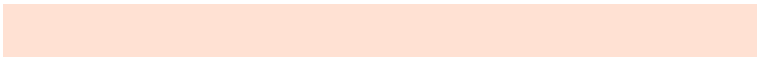
83.9743, 0.2859, 0.3144

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.



79.8136, 0.2866, 0.3049



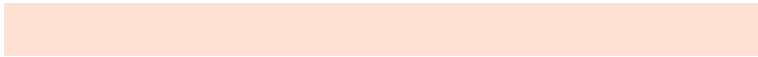
79.8136, 0.3437, 0.3432



79.8136, 0.2866, 0.3270

Square

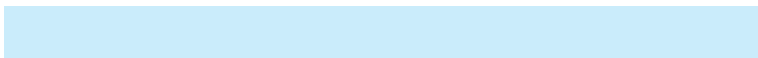
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8136, 0.3437, 0.3432



79.8136, 0.3124, 0.3523



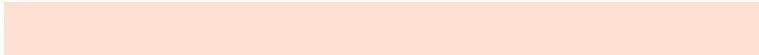
79.8136, 0.2827, 0.3137



79.8136, 0.3124, 0.3071

Rectangle

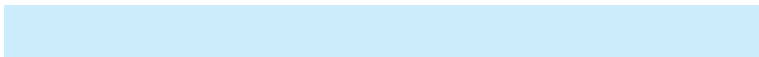
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8136, 0.3437, 0.3432



79.8136, 0.3323, 0.3562



79.8136, 0.2827, 0.3137



79.8136, 0.2931, 0.3027

Sweetspot

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



79.8116, 0.3437, 0.3432



93.7848, 0.3208, 0.3329



74.1986, 0.3243, 0.2992



19.8920, 0.3220, 0.3335



0.0000, 0.0000, 0.0000



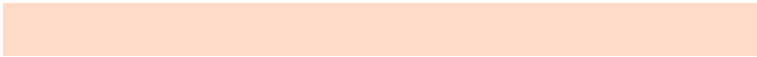
21.4041, 0.3127, 0.3290

Same Dimension

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



79.8116, 0.3437, 0.3432



75.8971, 0.3517, 0.3465



92.4424, 0.3401, 0.3645



18.9305, 0.3286, 0.3366



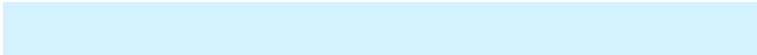
14.4321, 0.5920, 0.3681



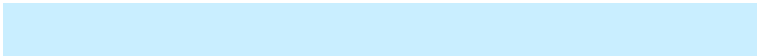
1.5922, 0.5700, 0.3856

Inverse Universe

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



83.9743, 0.2859, 0.3144



80.8241, 0.2801, 0.3108



71.7614, 0.2847, 0.2908



19.4492, 0.2980, 0.3213



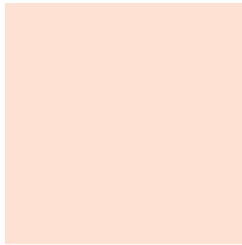
19.8399, 0.1948, 0.2213



2.1288, 0.1986, 0.2350

Previews

White Background



This preview shows how the Yxy color 79.8136, 0.3437, 0.3432 looks on a white background.

Color Contrast Check

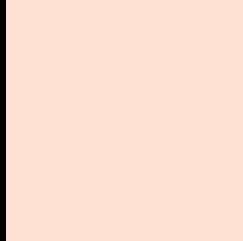
Large Text (above 18pt) WCAG AA × Fail

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 79.8136, 0.3437, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

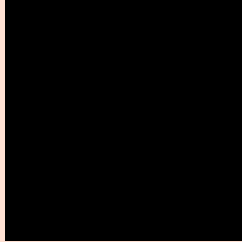
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8136, 0.3437, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 79.8136, 0.3437, 0.3432.

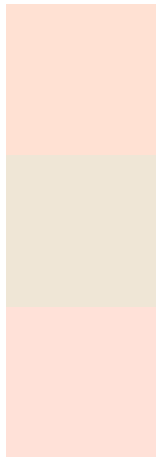


This preview shows how white text looks on a background with the Yxy color 79.8136, 0.3437, 0.3432.

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

79.8136, 0.3437, 0.3432

Protanopia

79.7994, 0.3294, 0.3457

Deuteranopia

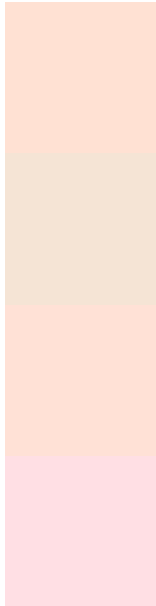
80.0683, 0.3402, 0.3381



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.8136, 0.3437, 0.3432

Protanomaly

79.7034, 0.3346, 0.3445

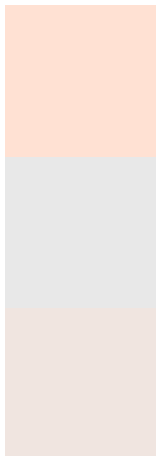
Deuteranomaly

79.9655, 0.3416, 0.3401

Tritanomaly

79.6368, 0.3322, 0.3241

Monochromacy



Original Color

79.8136, 0.3437, 0.3432

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9457, 0.3236, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8136, 0.3437, 0.3432 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, 225, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 211)  
}
```

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, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 211) }
```

Border

The CSS property to change the border of an element to Yxy 79.8136, 0.3437, 0.3432 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, 225, 211) }
```

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

```
.border{ border-color:rgb(255, 225, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8136, 0.3437, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 211) }
```

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

```
.background{ background-color: rgb(255,  
225, 211) }
```

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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