

Converting Colors

$Yxy(92.3459, 0.3835, 0.3331)$

Have a look what the booklet for
Yxy(92.3459, 0.3835, 0.3331)
contains.

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Color

Yxy(79.0973, 0.3391, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFDA
RGB	255, 223, 218
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1255, 0.1451
CMYK	0.00, 0.13, 0.15, 0.00
HSL	8°, 100%, 93%
HSV	8°, 15%, 100%
XYZ	80.2810, 79.0973, 77.3690
YIQ	231.9980, 20.6770, 5.2290

Conversions

Conversions Part 2

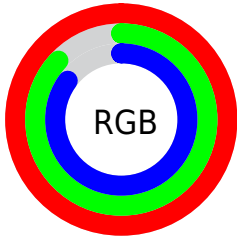
Format	Color
RYB	255, 224, 218
Decimal	16768986
CIELab	91.28, 10.23, 6.49
CIElCh	91, 12.117, 32.398
Yxy	79.0973, 0.3391, 0.3341
Android (android.graphics.Color)	4294959066 (0xFFFFDFDA)
YUV	231.9980, -6.9010, 20.1728
Hunter-Lab	88.9367, 5.4886, 10.6773

Details

The Yxy color **79.0973, 0.3391, 0.3341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4920, 0.2904, 0.3238**, and the grayscale version is **80.7375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6554, 0.3453, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **66.8404, 0.3624, 0.3379**, and if you desaturate by 10%, it is **93.1011, 0.3201, 0.3305**.

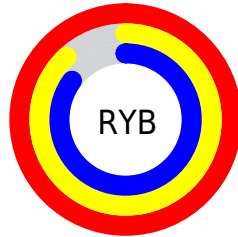
Distribution



Red (100%)

Green (87%)

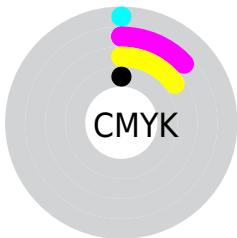
Blue (85%)



Red (100%)

Yellow (88%)

Blue (85%)

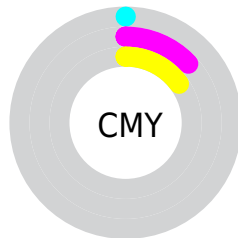


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0973, 0.3391, 0.3341 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 79.0973, 0.3391, 0.3341 by changing the saturation by 10% instead.


 79.0973, 0.3391,
0.3341

 79.0973, 0.3391,
0.3341

491.8854, 0.3270,
0.3319

 58.9758, 0.3418,
0.3346

132.0958, 0.3349,
0.3334

 42.5936, 0.3452,
0.3351


165.7417, 0.3333,
0.3331

 29.5664, 0.3495,
0.3358


204.6644, 0.3319,
0.3328

 19.5097, 0.3550,
0.3366

249.2484, 0.3307,
0.3326

 12.0392, 0.3625,
0.3377

299.8782, 0.3296,
0.3324

 6.7704, 0.3732,
0.3390

356.9380, 0.3286,

 3.3189, 0.3897,

0.3322

0.3407

420.8123, 0.3278,
0.3321

■ 1.3004, 0.4185,
0.3428

■ 0.1415, 0.7308,
0.2692

■ 79.0973, 0.3391,
0.3341

■ 79.0973, 0.3391,
0.3341

■ 66.8404, 0.3624,
0.3379

■ 93.1011, 0.3201,
0.3305

■ 56.2517, 0.3907,
0.3418

99.9988, 0.3127,
0.3290

■ 47.2620, 0.4247,
0.3454

■ 39.7933, 0.4642,
0.3484

■ 33.7609, 0.5078,
0.3500

■ 29.0719, 0.5519,
0.3495

■ 25.6221, 0.5912,
0.3465

■ 23.2917, 0.6197,
0.3411

■ 22.4306, 0.6301,
0.3379

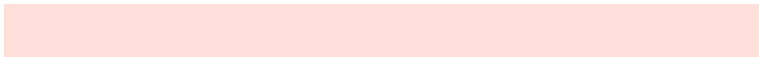
Harmonies

Analogous

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



79.0973, 0.3306, 0.3219



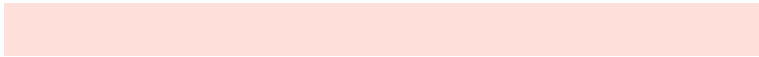
79.0973, 0.3391, 0.3341



79.0973, 0.3404, 0.3454

Triad

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



79.0973, 0.3391, 0.3341



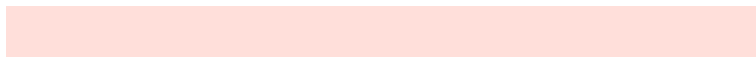
79.0973, 0.3077, 0.3474



79.0973, 0.2916, 0.3058

Complementary

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



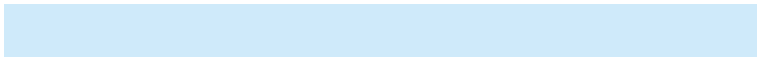
79.0973, 0.3391, 0.3341



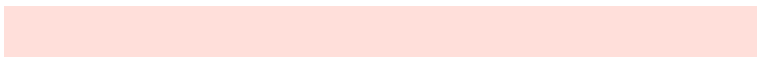
90.4920, 0.2904, 0.3238

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.



79.0973, 0.2858, 0.3119



79.0973, 0.3391, 0.3341



79.0973, 0.2950, 0.3361

Square

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



79.0973, 0.3391, 0.3341



79.0973, 0.3220, 0.3535



79.0973, 0.2870, 0.3230



79.0973, 0.3030, 0.3057

Rectangle

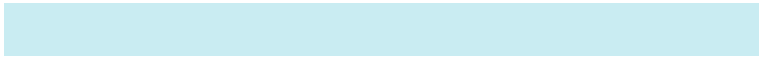
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



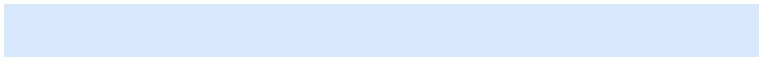
79.0973, 0.3391, 0.3341



79.0973, 0.3369, 0.3508



79.0973, 0.2870, 0.3230



79.0973, 0.2889, 0.3072

Sweetspot

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



79.1008, 0.3391, 0.3341



93.8611, 0.3192, 0.3304



78.3109, 0.3177, 0.2977



19.8500, 0.3205, 0.3306



0.0000, 0.0000, 0.0000



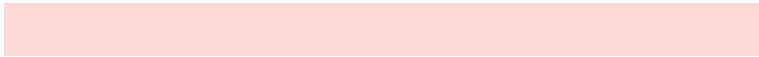
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1008, 0.3391, 0.3341



75.8860, 0.3445, 0.3350



89.4874, 0.3364, 0.3522



18.3830, 0.3291, 0.3323



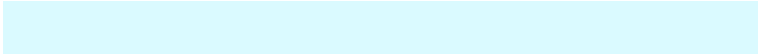
11.8415, 0.6282, 0.3394



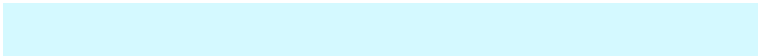
1.2688, 0.6105, 0.3534

Inverse Universe

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



90.4920, 0.2904, 0.3238



89.0016, 0.2867, 0.3229



79.5965, 0.2897, 0.3046



20.0377, 0.2980, 0.3257



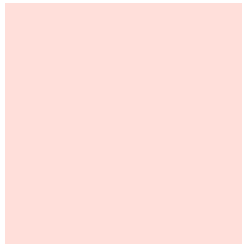
30.8227, 0.2127, 0.2855



3.1120, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 79.0973, 0.3391, 0.3341 looks on a white background.

Color Contrast Check

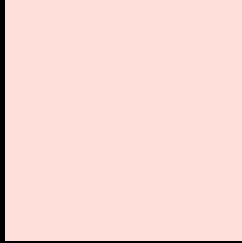
Large Text (above 18pt) WCAG AA × Fail

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 79.0973, 0.3391, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

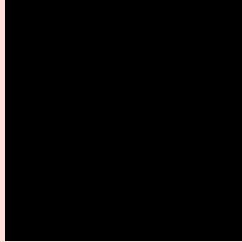
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

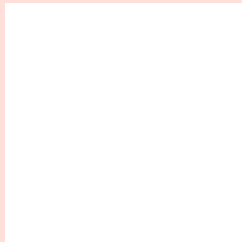
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0973, 0.3391, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 79.0973, 0.3391, 0.3341.

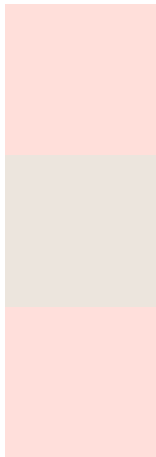


This preview shows how white text looks on a background with the Yxy color 79.0973, 0.3391, 0.3341.

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

79.0973, 0.3391, 0.3341

Protanopia

79.0919, 0.3227, 0.3374

Deuteranopia

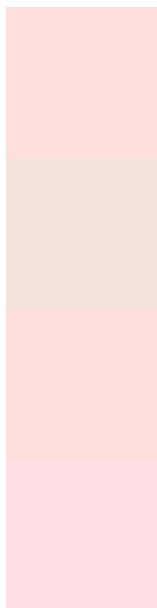
79.1498, 0.3384, 0.3331



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

79.0973, 0.3391, 0.3341

Protanomaly

79.1602, 0.3286, 0.3362

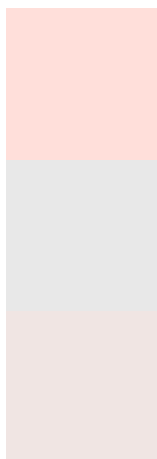
Deuteranomaly

79.1498, 0.3384, 0.3331

Tritanomaly

79.2157, 0.3309, 0.3211

Monochromacy



Original Color

79.0973, 0.3391, 0.3341

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.1099, 0.3216, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0973, 0.3391, 0.3341 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, 223, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 218)  
}
```

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, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 218) }
```

Border

The CSS property to change the border of an element to Yxy 79.0973, 0.3391, 0.3341 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, 223, 218) }
```

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

```
.border{ border-color:rgb(255, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0973, 0.3391, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 218) }
```

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

```
.background{ background-color: rgb(255,  
223, 218) }
```

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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