

Converting Colors

Yxy(80.0862, 0.3398, 0.3494)

Have a look what the booklet for
Yxy(80.0862, 0.3398, 0.3494)
contains.

Yxy(79.9973, 0.3401, 0.3496)	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(79.9973, 0.3401, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	F8E4D0
RGB	248, 228, 208
RGB Percent	97%, 89%, 82%
CMY	0.0277, 0.1058, 0.1844
CMYK	0.00, 0.08, 0.16, 0.03
HSL	30°, 74%, 89%
HSV	30°, 16%, 97%
XYZ	77.8235, 79.9973, 71.0045
YIQ	231.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

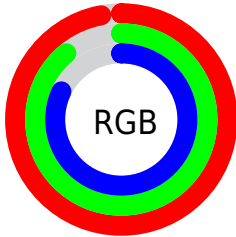
Format	Color
R _Y B	248, 248, 208
Decimal	16311504
CIE _{Lab}	91.68, 3.61, 12.23
CIE _{LCh}	92, 12.748, 73.545
Y _{xy}	79.9973, 0.3401, 0.3496
Android (android.graphics.Color)	4294501584 (0xFFFF8E4D0)
Y _{UV}	231.7000, -11.6841, 14.2951
Hunter-Lab	89.4412, -1.2079, 15.5404

Details

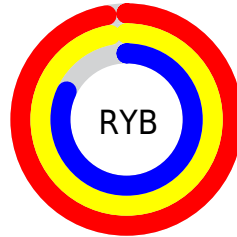
The Yxy color **79.9973, 0.3401, 0.3496** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **75.6161, 0.2873, 0.3075**, and the grayscale version is **80.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2966, 0.3457, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **72.3143, 0.3602, 0.3632**, and if you desaturate by 10%, it is **88.3644, 0.3224, 0.3366**.

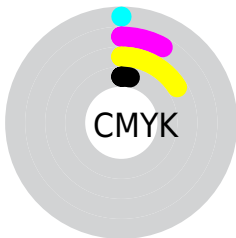
Distribution



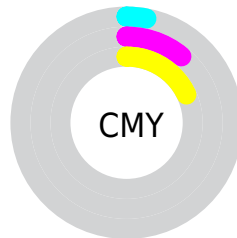
- Red (97%)
- Green (89%)
- Blue (82%)



- Red (97%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9973, 0.3401, 0.3496 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 79.9973, 0.3401, 0.3496 by changing the saturation by 10% instead.


 79.9973, 0.3401,
0.3496

 79.9973, 0.3401,
0.3496


494.9237, 0.3276,
0.3403

 59.7161, 0.3429,
0.3517


133.3619, 0.3358,
0.3464

 43.1899, 0.3464,
0.3542


167.2142, 0.3341,
0.3452

 30.0341, 0.3507,
0.3573


206.3589, 0.3327,
0.3441

 19.8645, 0.3564,
0.3613

251.1806, 0.3314,
0.3432

 12.2966, 0.3639,
0.3667

302.0635, 0.3303,
0.3423

 6.9460, 0.3746,
0.3741

359.3920, 0.3293,

 3.4283, 0.3908,

0.3416

0.3849

423.5506, 0.3284,
0.3409

■ 1.3592, 0.4248,
0.4087

■ 0.1864, 0.5874,
0.4126

■ 79.9973, 0.3401,
0.3496

■ 79.9973, 0.3401,
0.3496

■ 72.3143, 0.3602,
0.3632

■ 88.3644, 0.3224,
0.3366

■ 65.2858, 0.3828,
0.3768

■ 97.2558, 0.3084,
0.3268

■ 58.8954, 0.4078,
0.3900

■ 98.6861, 0.3084,
0.3290

■ 53.1218, 0.4347,
0.4017

■ 47.9424, 0.4624,
0.4108

■ 43.3325, 0.4897,
0.4159

■ 39.2648, 0.5146,
0.4159

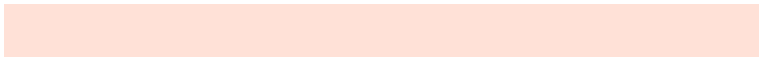
■ 35.7077, 0.5356,
0.4103

■ 34.4493, 0.5429,
0.4071

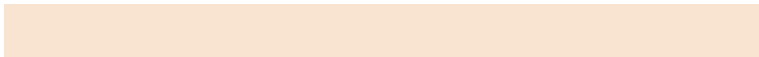
Harmonies

Analogous

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



79.9973, 0.3418, 0.3390



79.9973, 0.3401, 0.3496



79.9973, 0.3309, 0.3550

Triad

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



79.9973, 0.3401, 0.3496



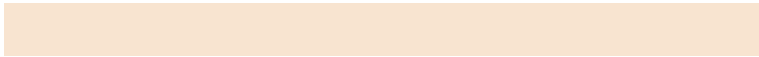
79.9973, 0.2903, 0.3313



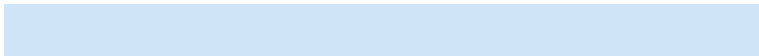
79.9973, 0.3079, 0.3063

Complementary

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



79.9973, 0.3401, 0.3496



75.6161, 0.2873, 0.3075

Split Complementary

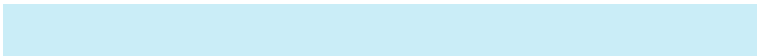
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9973, 0.2944, 0.3039



79.9973, 0.3401, 0.3496



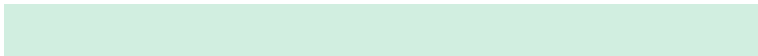
79.9973, 0.2845, 0.3179

Square

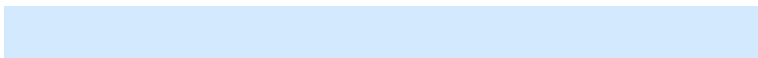
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9973, 0.3401, 0.3496



79.9973, 0.3021, 0.3444



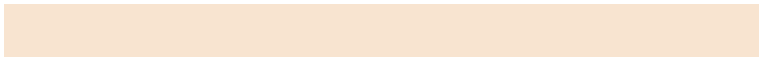
79.9973, 0.2860, 0.3080



79.9973, 0.3230, 0.3143

Rectangle

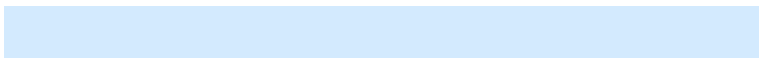
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9973, 0.3401, 0.3496



79.9973, 0.3219, 0.3546



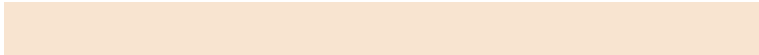
79.9973, 0.2860, 0.3080



79.9973, 0.3031, 0.3048

Sweetspot

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



80.0009, 0.3401, 0.3496



95.2176, 0.3206, 0.3352



70.6512, 0.3287, 0.3086



20.2398, 0.3217, 0.3361



0.0000, 0.0000, 0.0000



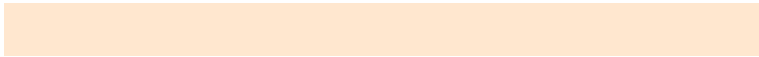
21.4041, 0.3127, 0.3290

Same Dimension

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



80.0009, 0.3401, 0.3496



82.8103, 0.3457, 0.3535



91.5997, 0.3370, 0.3691



18.6637, 0.3281, 0.3409



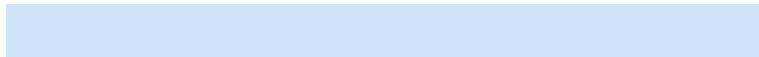
18.8998, 0.5405, 0.4091



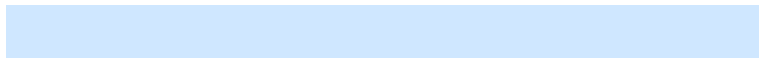
1.9625, 0.5221, 0.4236

Inverse Universe

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



75.6161, 0.2873, 0.3075



77.4053, 0.2826, 0.3032



65.2874, 0.2864, 0.2855



18.0725, 0.2980, 0.3168



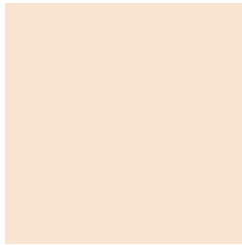
11.6776, 0.1770, 0.1570



1.2935, 0.1830, 0.1786

Previews

White Background



This preview shows how the Yxy color 79.9973, 0.3401, 0.3496 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 79.9973, 0.3401, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

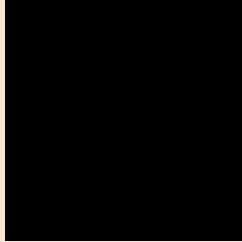
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9973, 0.3401, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 79.9973, 0.3401, 0.3496.

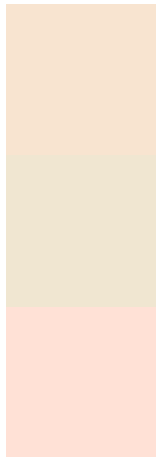


This preview shows how white text looks on a background with the Yxy color 79.9973, 0.3401, 0.3496.

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

79.9973, 0.3401, 0.3496

Protanopia

79.7223, 0.3334, 0.3509

Deuteranopia

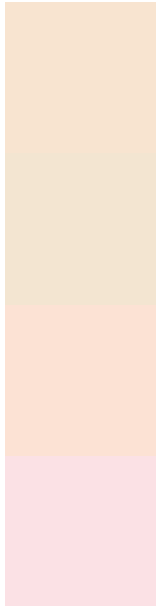
79.9655, 0.3416, 0.3401



Tritanopia

79.8217, 0.3213, 0.3112

Trichromacy



Original Color

79.9973, 0.3401, 0.3496

Protanomaly

79.6968, 0.3357, 0.3498

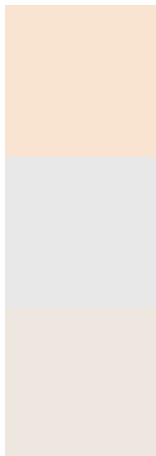
Deuteranomaly

79.8416, 0.3406, 0.3433

Tritanomaly

80.0168, 0.3284, 0.3250

Monochromacy



Original Color

79.9973, 0.3401, 0.3496

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.6567, 0.3227, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9973, 0.3401, 0.3496 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(248, 228, 208)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 208)  
}
```

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(248, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 208) }
```

Border

The CSS property to change the border of an element to Yxy 79.9973, 0.3401, 0.3496 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(248, 228, 208) }
```

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

```
.border{ border-color:rgb(248, 228, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9973, 0.3401, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 208) }
```

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

```
.background{ background-color: rgb(248,  
228, 208) }
```

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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