

Converting Colors

$Yxy(79.3512, 0.3488, 0.3584)$

Have a look what the booklet for
Yxy(79.3512, 0.3488, 0.3584)
contains.

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Color

Yxy(79.3394, 0.3486, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	FAE3C6
RGB	250, 227, 198
RGB Percent	98%, 89%, 78%
CMY	0.0197, 0.1098, 0.2234
CMYK	0.00, 0.09, 0.21, 0.02
HSL	33°, 84%, 88%
HSV	33°, 21%, 98%
XYZ	77.0839, 79.3394, 64.7010
YIQ	230.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

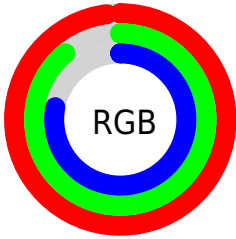
Format	Color
R _Y B	239, 250, 198
Decimal	16442310
CIE Lab	91.39, 3.40, 17.01
CIE LCh	91, 17.344, 78.693
Yxy	79.3394, 0.3486, 0.3588
Android (android.graphics.Color)	4294632390 (0xFFFAE3C6)
YUV	230.5710, -16.0575, 17.0392
Hunter-Lab	89.0727, -1.4024, 19.2836

Details

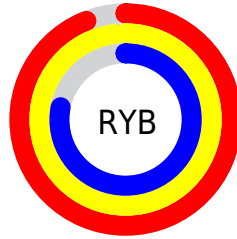
The Yxy color **79.3394, 0.3486, 0.3588** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.6289, 0.2795, 0.2973**, and the grayscale version is **79.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8561, 0.3568, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **72.4281, 0.3692, 0.3739**, and if you desaturate by 10%, it is **86.8365, 0.3302, 0.3441**.

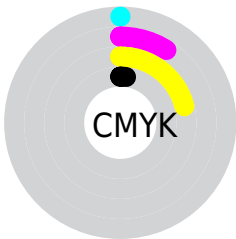
Distribution



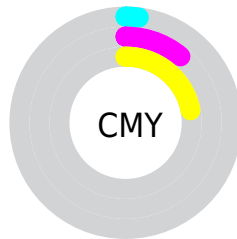
- Red (98%)
- Green (89%)
- Blue (78%)



- Red (94%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3394, 0.3486, 0.3588 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 79.3394, 0.3486, 0.3588 by changing the saturation by 10% instead.

 79.3394, 0.3486,
0.3588

 79.3394, 0.3486,
0.3588


492.7038, 0.3322,
0.3454

 59.1749, 0.3523,
0.3618

132.4366, 0.3430,
0.3542

 42.7539, 0.3568,
0.3654


166.1380, 0.3408,
0.3524

 29.6921, 0.3625,
0.3699


205.1206, 0.3388,
0.3508

 19.6050, 0.3698,
0.3757

249.7686, 0.3372,
0.3495

 12.1082, 0.3796,
0.3834

300.4666, 0.3357,
0.3483

 6.8174, 0.3933,
0.3938

357.5988, 0.3344,

 3.3482, 0.4137,

0.3472

0.4088

421.5498, 0.3333,
0.3462

1.3161, 0.4760,
0.4599

0.1536, 0.5985,
0.4015

79.3394, 0.3486,
0.3588

79.3394, 0.3486,
0.3588

72.4281, 0.3692,
0.3739

86.8365, 0.3302,
0.3441

66.0753, 0.3918,
0.3888

94.9244, 0.3139,
0.3301

60.2671, 0.4161,
0.4028

99.0598, 0.3096,
0.3290

54.9847, 0.4413,
0.4147

■ 50.2077, 0.4664,
0.4233

■ 45.9137, 0.4899,
0.4273

■ 42.0772, 0.5104,
0.4260

■ 38.9115, 0.5262,
0.4204

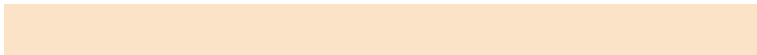
Harmonies

Analogous

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



79.3394, 0.3530, 0.3451



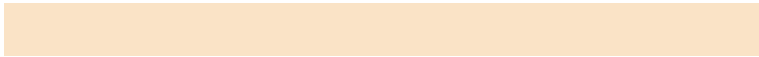
79.3394, 0.3486, 0.3588



79.3394, 0.3345, 0.3649

Triad

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



79.3394, 0.3486, 0.3588



79.3394, 0.2803, 0.3287



79.3394, 0.3096, 0.2997

Complementary

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



79.3394, 0.3486, 0.3588



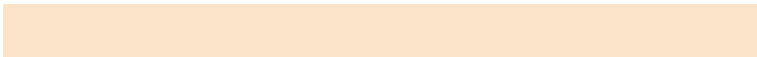
70.6289, 0.2795, 0.2973

Split Complementary

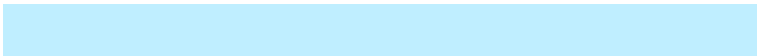
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3394, 0.2906, 0.2950



79.3394, 0.3486, 0.3588



79.3394, 0.2741, 0.3109

Square

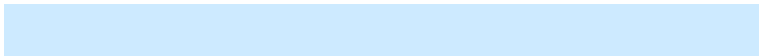
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3394, 0.3486, 0.3588



79.3394, 0.2950, 0.3473



79.3394, 0.2778, 0.2988



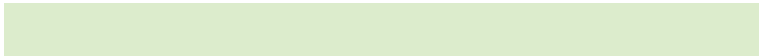
79.3394, 0.3300, 0.3116

Rectangle

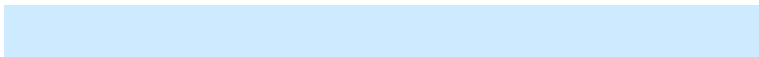
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3394, 0.3486, 0.3588



79.3394, 0.3216, 0.3633



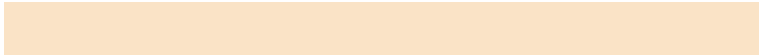
79.3394, 0.2778, 0.2988



79.3394, 0.3028, 0.2972

Sweetspot

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



79.3430, 0.3486, 0.3588



94.8124, 0.3222, 0.3373



65.9691, 0.3362, 0.3050



20.1758, 0.3232, 0.3382



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.



79.3430, 0.3486, 0.3588



79.8665, 0.3571, 0.3652



92.2798, 0.3424, 0.3813



18.8312, 0.3280, 0.3422



20.9358, 0.5240, 0.4221



2.1504, 0.5081, 0.4348

Inverse Universe

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



70.6289, 0.2795, 0.2973



69.2221, 0.2724, 0.2899



59.6749, 0.2795, 0.2715



17.9063, 0.2979, 0.3154



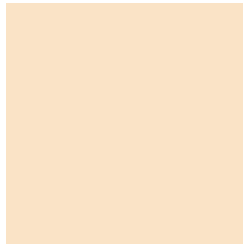
9.9159, 0.1719, 0.1388



1.1258, 0.1783, 0.1617

Previews

White Background



This preview shows how the Yxy color 79.3394, 0.3486, 0.3588 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 79.3394, 0.3486, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

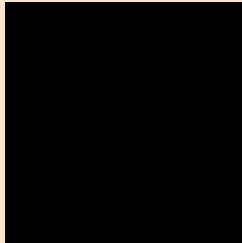
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3394, 0.3486, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 79.3394, 0.3486, 0.3588.



This preview shows how white text looks on a background with the Yxy color 79.3394, 0.3486, 0.3588.

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

79.3394, 0.3486, 0.3588

Protanopia

79.5944, 0.3415, 0.3614

Deuteranopia

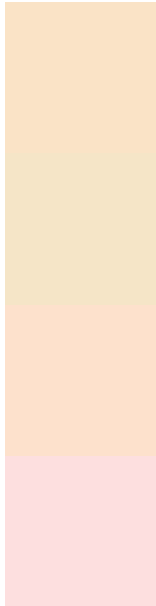
79.1254, 0.3459, 0.3453



Tritanopia

79.1459, 0.3256, 0.3122

Trichromacy



Original Color

79.3394, 0.3486, 0.3588

Protanomaly

79.5746, 0.3439, 0.3602

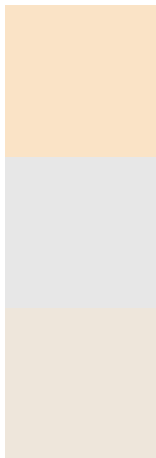
Deuteranomaly

79.0927, 0.3471, 0.3504

Tritanomaly

78.9857, 0.3342, 0.3291

Monochromacy



Original Color

79.3394, 0.3486, 0.3588

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.8852, 0.3254, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3394, 0.3486, 0.3588 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(250, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 198)  
}
```

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(250, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 198) }
```

Border

The CSS property to change the border of an element to Yxy 79.3394, 0.3486, 0.3588 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(250, 227, 198) }
```

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

```
.border{ border-color:rgb(250, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3394, 0.3486, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 198) }
```

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

```
.background{ background-color: rgb(250,  
227, 198) }
```

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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