

Converting Colors

$Yxy(79.9882, 0.3403, 0.3467)$

Have a look what the booklet for
Yxy(79.9882, 0.3403, 0.3467)
contains.

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Color

Yxy(79.9153, 0.3404, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	FAE3D2
RGB	250, 227, 210
RGB Percent	98%, 89%, 82%
CMY	0.0195, 0.1098, 0.1765
CMYK	0.00, 0.09, 0.16, 0.02
HSL	25°, 80%, 90%
HSV	25°, 16%, 98%
XYZ	78.5311, 79.9153, 72.2560
YIQ	231.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

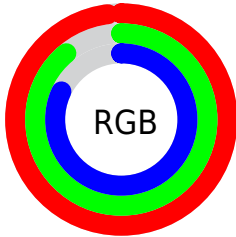
Format	Color
R _Y B	250, 240, 210
Decimal	16442322
CIE Lab	91.65, 5.18, 11.15
CIE LCh	92, 12.295, 65.067
Yxy	79.9153, 0.3404, 0.3464
Android (android.graphics.Color)	4294632402 (0xFFFAE3D2)
YUV	231.9390, -10.8159, 15.8395
Hunter-Lab	89.3954, 0.3649, 14.6542

Details

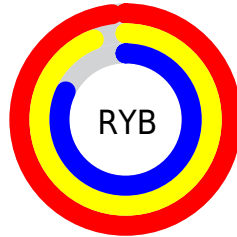
The Yxy color **79.9153, 0.3404, 0.3464** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8926, 0.2876, 0.3110**, and the grayscale version is **80.7234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2428, 0.3460, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **71.2275, 0.3613, 0.3580**, and if you desaturate by 10%, it is **89.4620, 0.3223, 0.3353**.

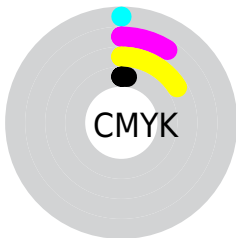
Distribution



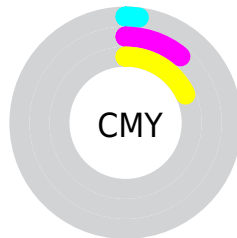
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.9153, 0.3404, 0.3464 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 79.9153, 0.3404, 0.3464 by changing the saturation by 10% instead.


 79.9153, 0.3404,
0.3464

 79.9153, 0.3404,
0.3464


494.6473, 0.3277,
0.3386

 59.6487, 0.3433,
0.3481


133.2466, 0.3360,
0.3437

 43.1355, 0.3468,
0.3502


167.0801, 0.3343,
0.3427

 29.9914, 0.3512,
0.3528


206.2047, 0.3329,
0.3418

 19.8321, 0.3569,
0.3562

251.0047, 0.3316,
0.3410

 12.2731, 0.3646,
0.3606

301.8646, 0.3304,
0.3403

 6.9299, 0.3756,
0.3667

359.1687, 0.3294,

 3.4183, 0.3922,

0.3397

423.3015, 0.3285,
0.3391

0.3755

1.3538, 0.4250,
0.3935

0.1823, 0.6219,
0.3781

79.9153, 0.3404,
0.3464

79.9153, 0.3404,
0.3464

71.2275, 0.3613,
0.3580

89.4620, 0.3223,
0.3353

63.3628, 0.3852,
0.3697

99.0678, 0.3096,
0.3290

56.2986, 0.4122,
0.3809

50.0070, 0.4417,
0.3908

■ 44.4581, 0.4730,
0.3982

■ 39.6198, 0.5041,
0.4016

■ 35.4565, 0.5329,
0.4000

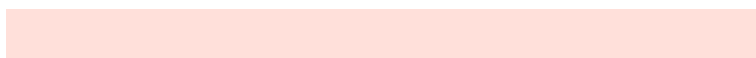
■ 31.9278, 0.5571,
0.3929

■ 30.6798, 0.5657,
0.3891

Harmonies

Analogous

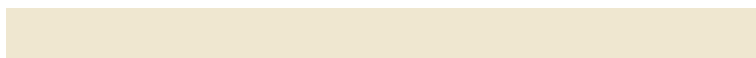
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9153, 0.3398, 0.3353



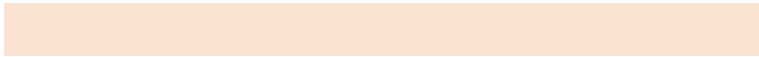
79.9153, 0.3404, 0.3464



79.9153, 0.3334, 0.3532

Triad

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



79.9153, 0.3404, 0.3464



79.9153, 0.2938, 0.3350



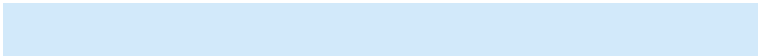
79.9153, 0.3041, 0.3058

Complementary

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



79.9153, 0.3404, 0.3464



78.8926, 0.2876, 0.3110

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.



79.9153, 0.2922, 0.3052



79.9153, 0.3404, 0.3464



79.9153, 0.2864, 0.3218

Square

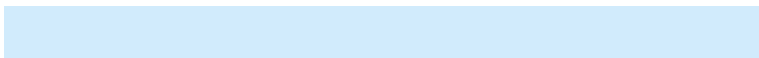
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



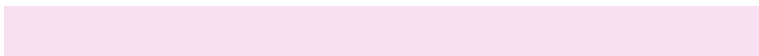
79.9153, 0.3404, 0.3464



79.9153, 0.3064, 0.3468



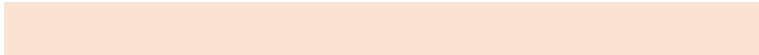
79.9153, 0.2857, 0.3109



79.9153, 0.3186, 0.3122

Rectangle

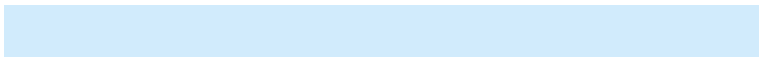
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9153, 0.3404, 0.3464



79.9153, 0.3255, 0.3542



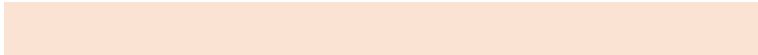
79.9153, 0.2857, 0.3109



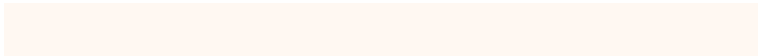
79.9153, 0.2997, 0.3049

Sweetspot

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



79.9189, 0.3404, 0.3464



94.6157, 0.3207, 0.3343



72.3225, 0.3262, 0.3054



20.0936, 0.3218, 0.3350



0.0000, 0.0000, 0.0000



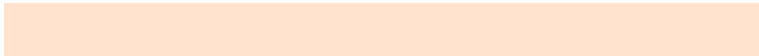
21.4041, 0.3127, 0.3290

Same Dimension

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



79.9189, 0.3404, 0.3464



80.7536, 0.3464, 0.3499



91.3100, 0.3373, 0.3657



18.4374, 0.3283, 0.3391



16.5417, 0.5628, 0.3913



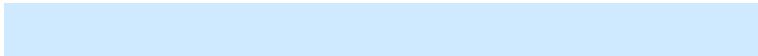
1.7372, 0.5417, 0.4081

Inverse Universe

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



78.8926, 0.2876, 0.3110



79.5044, 0.2828, 0.3072



68.3606, 0.2867, 0.2895



18.3010, 0.2980, 0.3187



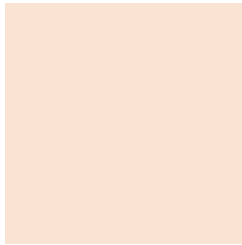
14.4999, 0.1843, 0.1834



1.5530, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 79.9153, 0.3404, 0.3464 looks on a white background.

Color Contrast Check

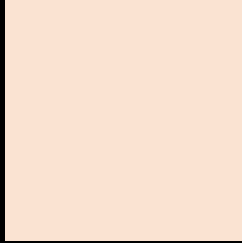
Large Text (above 18pt) WCAG AA × Fail

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 79.9153, 0.3404, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

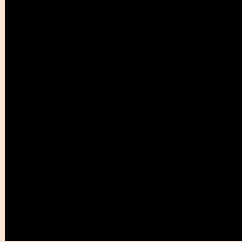
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9153, 0.3404, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 79.9153, 0.3404, 0.3464.

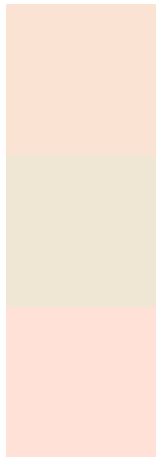


This preview shows how white text looks on a background with the Yxy color 79.9153, 0.3404, 0.3464.

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

79.9153, 0.3404, 0.3464

Protanopia

79.8724, 0.3314, 0.3478

Deuteranopia

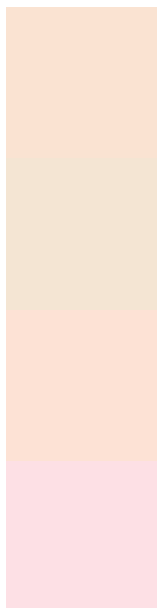
80.0167, 0.3409, 0.3391



Tritanopia

80.1375, 0.3233, 0.3122

Trichromacy



Original Color

79.9153, 0.3404, 0.3464

Protanomaly

79.9749, 0.3351, 0.3476

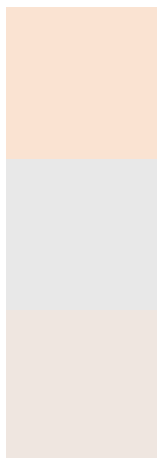
Deuteranomaly

80.0795, 0.3407, 0.3422

Tritanomaly

79.8511, 0.3300, 0.3241

Monochromacy



Original Color

79.9153, 0.3404, 0.3464

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3262, 0.3228, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9153, 0.3404, 0.3464 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 210) }
```

Border

The CSS property to change the border of an element to Yxy 79.9153, 0.3404, 0.3464 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, 210) }
```

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

```
.border{ border-color:rgb(250, 227, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9153, 0.3404, 0.3464 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, 210) }
```

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

```
.background{ background-color: rgb(250,  
227, 210) }
```

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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