

Converting Colors

Yxy(99.9621, 0.4105, 0.3479)

Have a look what the booklet for
Yxy(99.9621, 0.4105, 0.3479)
contains.

Yxy(79.9645, 0.3491, 0.3524)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.9645, 0.3491, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CB
RGB	255, 226, 203
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1137, 0.2041
CMYK	0.00, 0.11, 0.20, 0.00
HSL	27°, 100%, 90%
HSV	27°, 20%, 100%
XYZ	79.2157, 79.9645, 67.7338
YIQ	232.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

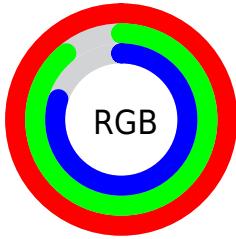
Format	Color
R_{YB}	255, 244, 203
Decimal	16769739
CIE _{Lab}	91.67, 6.45, 14.91
CIE _{LCh}	92, 16.240, 66.609
Yxy	79.9645, 0.3491, 0.3524
Android (android.graphics.Color)	4294959819 (0xFFFFE2CB)
YUV	232.0490, -14.3212, 20.1280
Hunter-Lab	89.4229, 1.6351, 17.6865

Details

The Yxy color $79.9645, 0.3491, 0.3524$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.5992, 0.2805, 0.3044$, and the grayscale version is $80.8281, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.3015, 0.3574, 0.3576$ is the 20% darker color. If you saturate the color by 10%, you get $71.4383, 0.3711, 0.3646$, and if you desaturate by 10%, it is $89.3327, 0.3299, 0.3406$.

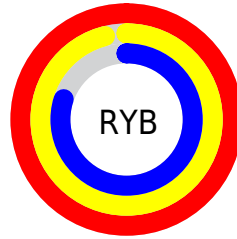
Distribution



Red (100%)

Green (89%)

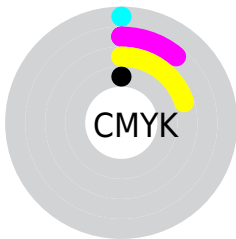
Blue (80%)



Red (100%)

Yellow (96%)

Blue (80%)

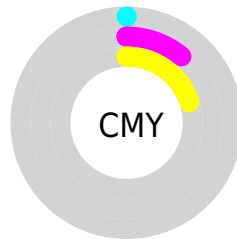


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9645, 0.3491, 0.3524 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 79.9645, 0.3491, 0.3524 by changing the saturation by 10% instead.


 79.9645, 0.3491,
0.3524

 79.9645, 0.3491,
0.3524


494.8132, 0.3325,
0.3420

 59.6891, 0.3529,
0.3547


133.3158, 0.3434,
0.3489

 43.1681, 0.3575,
0.3575


167.1606, 0.3411,
0.3475

 30.0170, 0.3633,
0.3609

206.2972, 0.3392,
0.3462

 19.8515, 0.3707,
0.3653

251.1102, 0.3375,
0.3452

 12.2872, 0.3808,
0.3710

301.9839, 0.3360,
0.3442

 6.9396, 0.3950,
0.3788

359.3027, 0.3347,

 3.4243, 0.4163,

0.3434

0.3897

423.4510, 0.3335,
0.3426

■ 1.3571, 0.4674,
0.4199

■ 0.1848, 0.6432,
0.3568

■ 79.9645, 0.3491,
0.3524

■ 79.9645, 0.3491,
0.3524

■ 71.4383, 0.3711,
0.3646

■ 89.3327, 0.3299,
0.3406

■ 63.7263, 0.3960,
0.3767

99.5643, 0.3133,
0.3294

■ 56.8027, 0.4237,
0.3879

100.0000, 0.3127,
0.3290

■ 50.6393, 0.4535,
0.3972

■ 45.2055, 0.4841,
0.4034

■ 40.4682, 0.5136,
0.4051

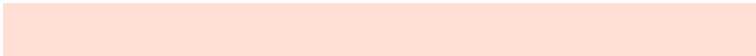
■ 36.3905, 0.5398,
0.4014

■ 33.0525, 0.5606,
0.3931

Harmonies

Analogous

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



79.9645, 0.3489, 0.3378



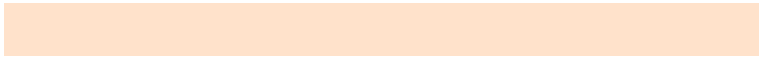
79.9645, 0.3491, 0.3524



79.9645, 0.3393, 0.3613

Triad

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



79.9645, 0.3491, 0.3524



79.9645, 0.2871, 0.3359



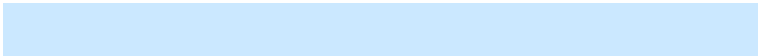
79.9645, 0.3022, 0.2989

Complementary

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



79.9645, 0.3491, 0.3524



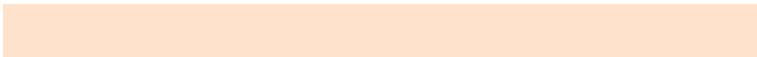
77.5992, 0.2805, 0.3044

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.



79.9645, 0.2863, 0.2976



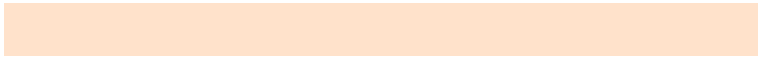
79.9645, 0.3491, 0.3524



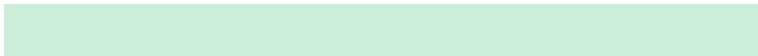
79.9645, 0.2778, 0.3184

Square

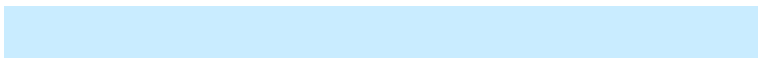
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9645, 0.3491, 0.3524



79.9645, 0.3033, 0.3520



79.9645, 0.2775, 0.3045



79.9645, 0.3214, 0.3076

Rectangle

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



79.9645, 0.3491, 0.3524



79.9645, 0.3285, 0.3624



79.9645, 0.2775, 0.3045



79.9645, 0.2963, 0.2976

Sweetspot

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



79.9654, 0.3491, 0.3524



93.7345, 0.3223, 0.3356



69.8051, 0.3313, 0.2995



19.9211, 0.3234, 0.3363



0.0000, 0.0000, 0.0000



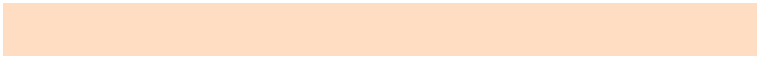
21.4041, 0.3127, 0.3290

Same Dimension

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



79.9654, 0.3491, 0.3524



76.8067, 0.3567, 0.3568



94.8963, 0.3442, 0.3769



19.3110, 0.3283, 0.3396



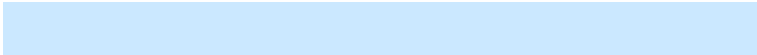
17.5572, 0.5578, 0.3953



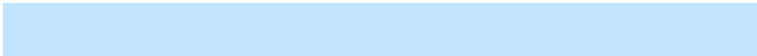
1.9231, 0.5382, 0.4109

Inverse Universe

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



77.5992, 0.2805, 0.3044



74.0942, 0.2747, 0.2995



64.2609, 0.2787, 0.2762



19.0565, 0.2979, 0.3182



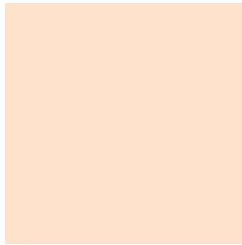
14.1964, 0.1825, 0.1769



1.6002, 0.1877, 0.1957

Previews

White Background



This preview shows how the Yxy color 79.9645, 0.3491, 0.3524 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 79.9645, 0.3491, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

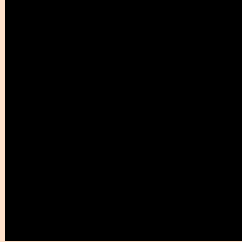
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.9645, 0.3491, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 79.9645, 0.3491, 0.3524.



This preview shows how white text looks on a background with the Yxy color 79.9645, 0.3491, 0.3524.

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

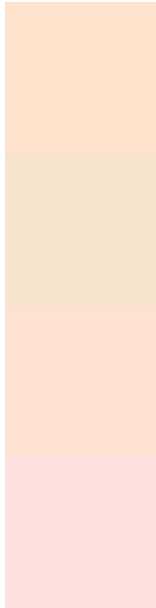




Tritanopia

80.1498, 0.3261, 0.3152

Trichromacy



Original Color

79.9645, 0.3491, 0.3524

Protanomaly

79.9911, 0.3412, 0.3548

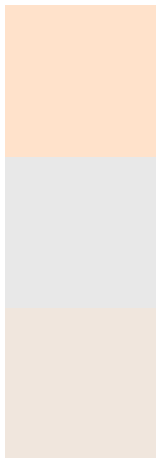
Deuteranomaly

79.7139, 0.3451, 0.3452

Tritanomaly

80.0076, 0.3341, 0.3281

Monochromacy



Original Color

79.9645, 0.3491, 0.3524

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3394, 0.3255, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9645, 0.3491, 0.3524 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, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 203)  
}
```

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, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 203) }
```

Border

The CSS property to change the border of an element to Yxy 79.9645, 0.3491, 0.3524 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, 226, 203) }
```

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

```
.border{ border-color:rgb(255, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9645, 0.3491, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 203) }
```

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

```
.background{ background-color: rgb(255,  
226, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor