

Converting Colors

$Yxy(98.2253, 0.3863, 0.3501)$

Have a look what the booklet for
Yxy(98.2253, 0.3863, 0.3501)
contains.

Yxy(84.7588, 0.3428, 0.3531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(84.7588, 0.3428, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAD2
RGB	255, 234, 210
RGB Percent	100%, 92%, 82%
CMY	0.0001, 0.0823, 0.1765
CMYK	0.00, 0.08, 0.18, 0.00
HSL	32°, 100%, 91%
HSV	32°, 18%, 100%
XYZ	82.2864, 84.7588, 72.9967
YIQ	237.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

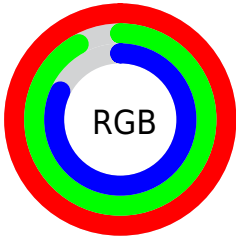
Format	Color
R _Y B	249, 255, 210
Decimal	16771794
CIE Lab	93.78, 3.35, 14.23
CIE LCh	94, 14.621, 76.736
Yxy	84.7588, 0.3428, 0.3531
Android (android.graphics.Color)	4294961874 (0xFFFEAD2)
YUV	237.5430, -13.5787, 15.3098
Hunter-Lab	92.0645, -1.5714, 17.4349

Details

The Yxy color **84.7588, 0.3428, 0.3531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.0446, 0.2848, 0.3037**, and the grayscale version is **85.2232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2469, 0.3492, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **77.0518, 0.3630, 0.3676**, and if you desaturate by 10%, it is **93.1294, 0.3249, 0.3391**.

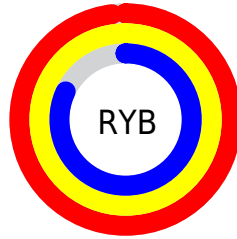
Distribution



Red (100%)

Green (92%)

Blue (82%)



Red (98%)

Yellow (100%)

Blue (82%)

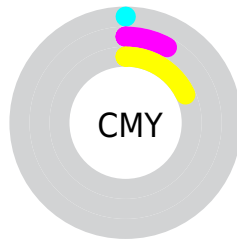


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7588, 0.3428, 0.3531 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 84.7588, 0.3428, 0.3531 by changing the saturation by 10% instead.

 84.7588, 0.3428,
0.3531

 84.7588, 0.3428,
0.3531


510.8296, 0.3292,
0.3423

 63.6421, 0.3458,
0.3555


140.0361, 0.3381,
0.3494

 46.3609, 0.3495,
0.3583


174.9656, 0.3363,
0.3480

 32.5307, 0.3541,
0.3619


215.2680, 0.3347,
0.3468

 21.7672, 0.3601,
0.3664

261.3279, 0.3334,
0.3457

 13.6859, 0.3680,
0.3724

313.5296, 0.3321,
0.3447

 7.9025, 0.3789,
0.3805

372.2575, 0.3311,

 4.0326, 0.3952,

0.3438

0.3923

437.8961, 0.3301,
0.3430

■ 1.6918, 0.4243,
0.4131

■ 0.4184, 0.5341,
0.4659

■ 84.7588, 0.3428,
0.3531

■ 84.7588, 0.3428,
0.3531

■ 77.0518, 0.3630,
0.3676

■ 93.1294, 0.3249,
0.3391

■ 69.9787, 0.3854,
0.3820

99.9936, 0.3127,
0.3290

■ 63.5237, 0.4099,
0.3959

■ 57.6663, 0.4358,
0.4080

■ 52.3840, 0.4622,
0.4172

■ 47.6527, 0.4876,
0.4223

■ 43.4451, 0.5104,
0.4221

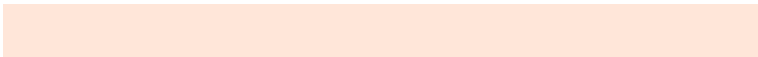
■ 39.7279, 0.5293,
0.4164

■ 38.9116, 0.5334,
0.4147

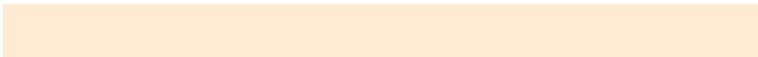
Harmonies

Analogous

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



84.7588, 0.3458, 0.3416



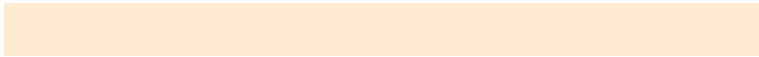
84.7588, 0.3428, 0.3531



84.7588, 0.3317, 0.3584

Triad

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



84.7588, 0.3428, 0.3531



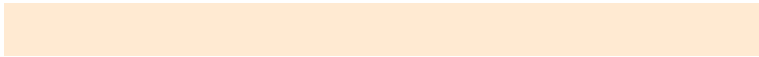
84.7588, 0.2865, 0.3298



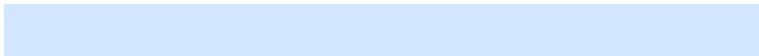
84.7588, 0.3091, 0.3042

Complementary

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



84.7588, 0.3428, 0.3531



78.0446, 0.2848, 0.3037

Split Complementary

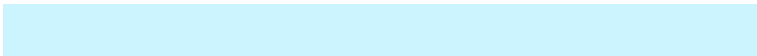
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7588, 0.2936, 0.3008



84.7588, 0.3428, 0.3531



84.7588, 0.2808, 0.3150

Square

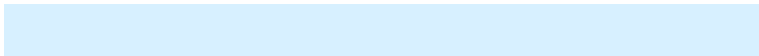
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7588, 0.3428, 0.3531



84.7588, 0.2991, 0.3449



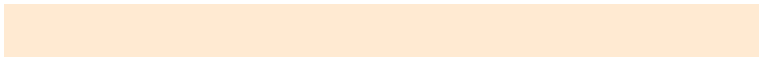
84.7588, 0.2833, 0.3045



84.7588, 0.3260, 0.3138

Rectangle

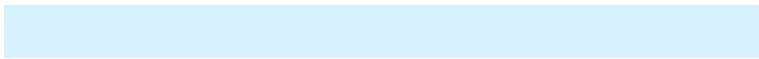
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7588, 0.3428, 0.3531



84.7588, 0.3213, 0.3574



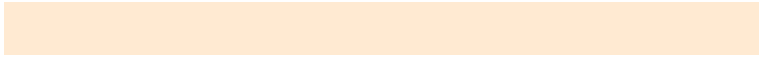
84.7588, 0.2833, 0.3045



84.7588, 0.3036, 0.3023

Sweetspot

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



84.7626, 0.3428, 0.3531



95.4741, 0.3206, 0.3356



73.1170, 0.3315, 0.3080



20.3022, 0.3217, 0.3365



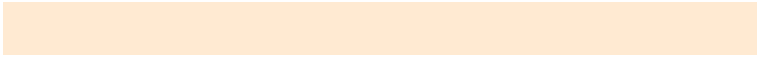
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



84.7626, 0.3428, 0.3531



82.1202, 0.3493, 0.3579



97.1222, 0.3384, 0.3732



19.5938, 0.3281, 0.3417



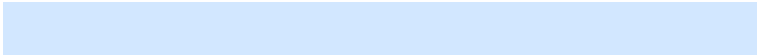
20.6402, 0.5311, 0.4165



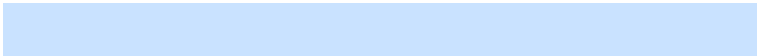
2.2285, 0.5148, 0.4294

Inverse Universe

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



78.0446, 0.2848, 0.3037



74.3100, 0.2792, 0.2982



67.2357, 0.2846, 0.2810



18.7729, 0.2979, 0.3160



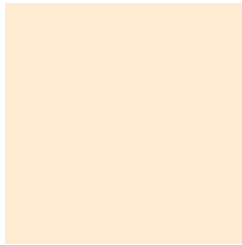
10.9347, 0.1739, 0.1462



1.2808, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 84.7588, 0.3428, 0.3531 looks on a white background.

Color Contrast Check

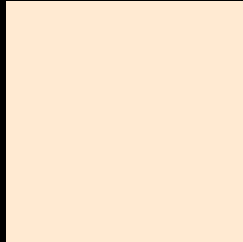
Large Text (above 18pt) WCAG AA × Fail

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 84.7588, 0.3428, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

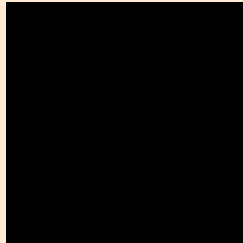
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.7588, 0.3428, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 84.7588, 0.3428, 0.3531.

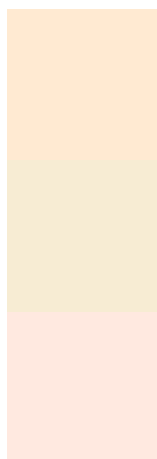


This preview shows how white text looks on a background with the Yxy color 84.7588, 0.3428, 0.3531.

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

84.7588, 0.3428, 0.3531

Protanopia

84.4682, 0.3362, 0.3545

Deuteranopia

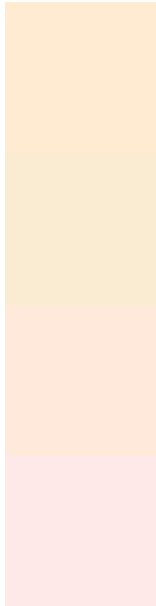
84.9196, 0.3337, 0.3380



Tritanopia

85.0044, 0.3202, 0.3154

Trichromacy



Original Color

84.7588, 0.3428, 0.3531

Protanomaly

84.4438, 0.3385, 0.3533

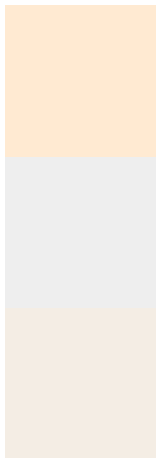
Deuteranomaly

84.6523, 0.3370, 0.3430

Tritanomaly

84.7994, 0.3285, 0.3290

Monochromacy



Original Color

84.7588, 0.3428, 0.3531

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.4029, 0.3230, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7588, 0.3428, 0.3531 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, 234, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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(255, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 210) }
```

Border

The CSS property to change the border of an element to Yxy 84.7588, 0.3428, 0.3531 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, 234, 210) }
```

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

```
.border{ border-color:rgb(255, 234, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7588, 0.3428, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 210) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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