

Converting Colors

$Yxy(83.2306, 0.3523, 0.3655)$

Have a look what the booklet for
Yxy(83.2306, 0.3523, 0.3655)
contains.

Yxy(82.9587, 0.3526, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.9587, 0.3526, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C4
RGB	255, 232, 196
RGB Percent	100%, 91%, 77%
CMY	0.0001, 0.0901, 0.2313
CMYK	0.00, 0.09, 0.23, 0.00
HSL	37°, 100%, 88%
HSV	37°, 23%, 100%
XYZ	80.0526, 82.9587, 64.0240
YIQ	234.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

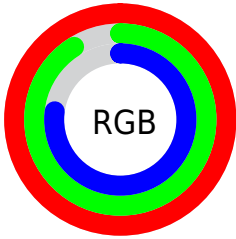
Format	Color
R_{YB}	234, 255, 196
Decimal	16771268
CIE _{Lab}	93.00, 2.38, 20.37
CIE _{LCh}	93, 20.508, 83.344
Yxy	82.9587, 0.3526, 0.3654
Android (android.graphics.Color)	4294961348 (0xFFFFE8C4)
YUV	234.7730, -19.1151, 17.7391
Hunter-Lab	91.0817, -2.5074, 22.0805

Details

The Yxy color $82.9587, 0.3526, 0.3654$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $69.5999, 0.2753, 0.2897$, and the grayscale version is $83.0301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.8718, 0.3139, 0.3309$, and $45.0094, 0.3621, 0.3730$ is the 20% darker color. If you saturate the color by 10%, you get $76.4662, 0.3729, 0.3818$, and if you desaturate by 10%, it is $89.9717, 0.3341, 0.3492$.

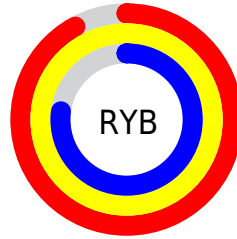
Distribution



Red (100%)

Green (91%)

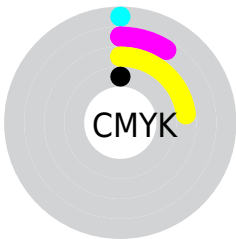
Blue (77%)



Red (92%)

Yellow (100%)

Blue (77%)

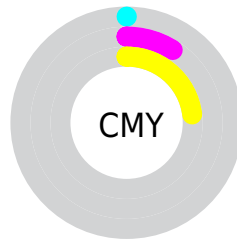


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9587, 0.3526, 0.3654 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 82.9587, 0.3526, 0.3654 by changing the saturation by 10% instead.

 82.9587, 0.3526,
0.3654

 82.9587, 0.3526,
0.3654


504.8489, 0.3346,
0.3491

 62.1561, 0.3566,
0.3690


137.5176, 0.3464,
0.3598

 45.1588, 0.3615,
0.3733


172.0427, 0.3440,
0.3577

 31.5825, 0.3676,
0.3788


211.9107, 0.3419,
0.3558

 21.0428, 0.3754,
0.3856

257.5061, 0.3401,
0.3541

 13.1553, 0.3857,
0.3946

309.2132, 0.3385,
0.3526

 7.5356, 0.3998,
0.4067

367.4164, 0.3370,

 3.7993, 0.4201,

0.3513

0.4237

432.5002, 0.3357,
0.3501

■ 1.5619, 0.4796,
0.4769

■ 0.3317, 0.5295,
0.4705

■ 82.9587, 0.3526,
0.3654

■ 82.9587, 0.3526,
0.3654

■ 76.4662, 0.3729,
0.3818

■ 89.9717, 0.3341,
0.3492

■ 70.4678, 0.3948,
0.3979

■ 97.5082, 0.3175,
0.3337

■ 64.9511, 0.4178,
0.4126

99.9941, 0.3127,
0.3290

■ 59.8987, 0.4411,
0.4250

■ 55.2916, 0.4635,
0.4337

■ 51.1086, 0.4838,
0.4376

■ 47.3248, 0.5009,
0.4362

■ 44.9325, 0.5109,
0.4326

Harmonies

Analogous

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



82.9587, 0.3598, 0.3504



82.9587, 0.3526, 0.3654



82.9587, 0.3347, 0.3710

Triad

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



82.9587, 0.3526, 0.3654



82.9587, 0.2732, 0.3250



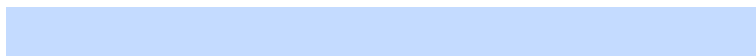
82.9587, 0.3127, 0.2968

Complementary

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



82.9587, 0.3526, 0.3654



69.5999, 0.2753, 0.2897

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.



82.9587, 0.2900, 0.2898



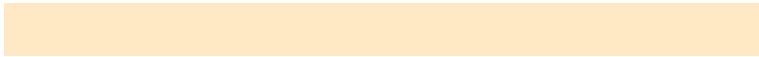
82.9587, 0.3526, 0.3654



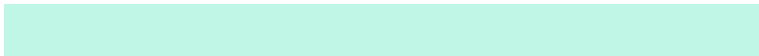
82.9587, 0.2678, 0.3050

Square

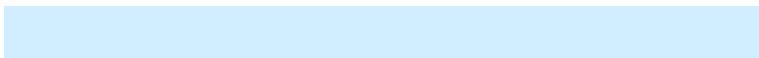
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9587, 0.3526, 0.3654



82.9587, 0.2889, 0.3472



82.9587, 0.2738, 0.2925



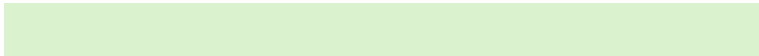
82.9587, 0.3363, 0.3115

Rectangle

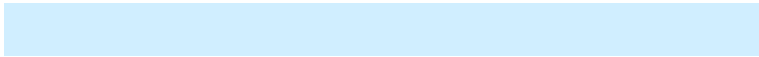
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9587, 0.3526, 0.3654



82.9587, 0.3193, 0.3680



82.9587, 0.2738, 0.2925



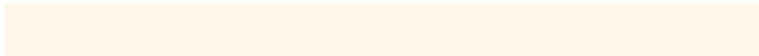
82.9587, 0.3047, 0.2935

Sweetspot

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



82.9624, 0.3526, 0.3654



94.5492, 0.3237, 0.3396



65.8852, 0.3419, 0.3051



20.1395, 0.3247, 0.3405



0.0000, 0.0000, 0.0000



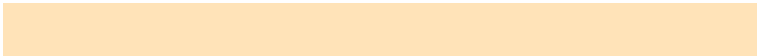
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9624, 0.3526, 0.3654



79.7532, 0.3623, 0.3734



95.6393, 0.3438, 0.3877



19.8337, 0.3279, 0.3435



23.7834, 0.5090, 0.4341



2.5282, 0.4960, 0.4444

Inverse Universe

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



69.5999, 0.2753, 0.2897



64.1470, 0.2668, 0.2801



59.2469, 0.2772, 0.2644



18.5375, 0.2979, 0.3141



8.7313, 0.1674, 0.1227



1.0549, 0.1737, 0.1452

Previews

White Background



This preview shows how the Yxy color 82.9587, 0.3526, 0.3654 looks on a white background.

Color Contrast Check

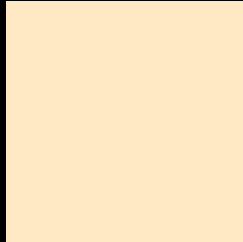
Large Text (above 18pt) WCAG AA × Fail

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 82.9587, 0.3526, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

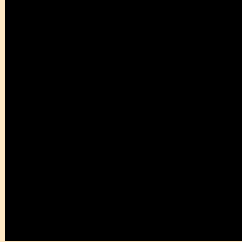
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

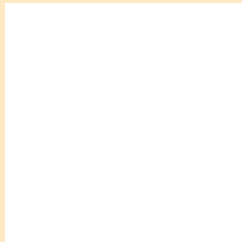
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9587, 0.3526, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 82.9587, 0.3526, 0.3654.

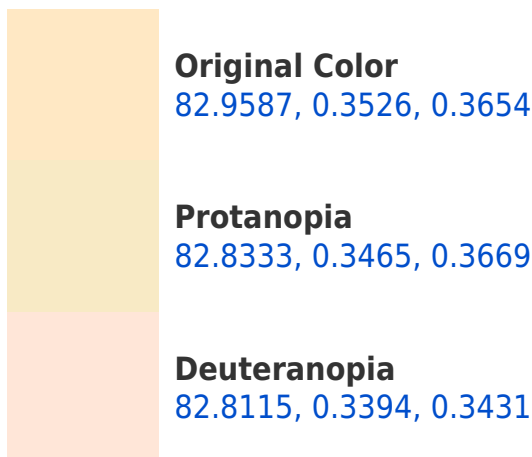


This preview shows how white text looks on a background with the Yxy color 82.9587, 0.3526, 0.3654.

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

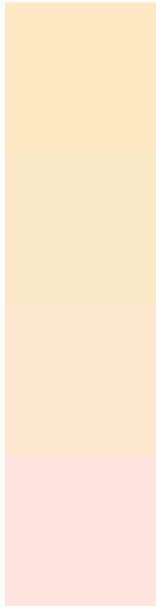




Tritanopia

83.0977, 0.3230, 0.3163

Trichromacy



Original Color

82.9587, 0.3526, 0.3654

Protanomaly

82.8183, 0.3488, 0.3657

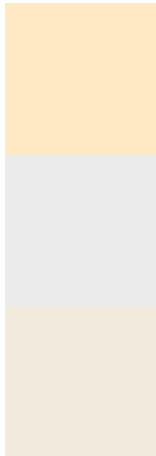
Deuteranomaly

83.0153, 0.3440, 0.3512

Tritanomaly

82.7349, 0.3335, 0.3330

Monochromacy



Original Color

82.9587, 0.3526, 0.3654

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9433, 0.3264, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9587, 0.3526, 0.3654 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, 232, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 196)  
}
```

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, 232, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 196) }
```

Border

The CSS property to change the border of an element to Yxy 82.9587, 0.3526, 0.3654 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, 232, 196) }
```

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

```
.border{ border-color:rgb(255, 232, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9587, 0.3526, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 196) }
```

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

```
.background{ background-color: rgb(255,  
232, 196) }
```

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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