

Converting Colors

$Yxy(88.4507, 0.3666, 0.3494)$

Have a look what the booklet for
Yxy(88.4507, 0.3666, 0.3494)
contains.

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Color

Yxy(82.4077, 0.3449, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D0
RGB	255, 230, 208
RGB Percent	100%, 90%, 82%
CMY	0.0000, 0.0981, 0.1843
CMYK	0.00, 0.10, 0.18, 0.00
HSL	28°, 100%, 91%
HSV	28°, 18%, 100%
XYZ	80.9294, 82.4077, 71.3089
YIQ	234.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

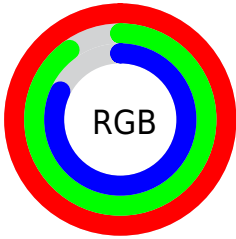
Format	Color
R _Y B	255, 249, 208
Decimal	16770768
CIE Lab	92.75, 5.14, 13.82
CIE LCh	93, 14.748, 69.615
Yxy	82.4077, 0.3449, 0.3512
Android (android.graphics.Color)	4294960848 (0xFFFFE6D0)
YUV	234.9670, -13.2947, 17.5689
Hunter-Lab	90.7787, 0.2705, 16.9713

Details

The Yxy color $82.4077, 0.3449, 0.3512$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.9038, 0.2836, 0.3057$, and the grayscale version is $83.1387, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9988, 0.3518, 0.3561$ is the 20% darker color. If you saturate the color by 10%, you get $73.9918, 0.3660, 0.3640$, and if you desaturate by 10%, it is $91.6082, 0.3264, 0.3389$.

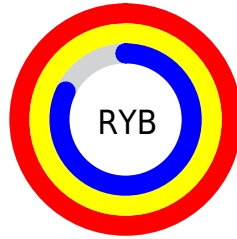
Distribution



Red (100%)

Green (90%)

Blue (82%)



Red (100%)

Yellow (98%)

Blue (82%)

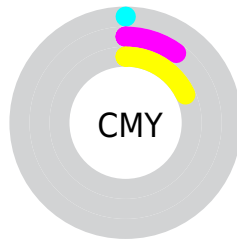


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4077, 0.3449, 0.3512 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 82.4077, 0.3449, 0.3512 by changing the saturation by 10% instead.


 82.4077, 0.3449,
0.3512

 82.4077, 0.3449,
0.3512


503.0104, 0.3303,
0.3413

 61.7016, 0.3482,
0.3534


136.7456, 0.3399,
0.3478

 44.7917, 0.3522,
0.3560


171.1462, 0.3379,
0.3465

 31.2934, 0.3572,
0.3593


210.8805, 0.3362,
0.3454

 20.8223, 0.3637,
0.3635

256.3328, 0.3347,
0.3443

 12.9942, 0.3724,
0.3689

307.8876, 0.3334,
0.3434

 7.4246, 0.3846,
0.3764

365.9292, 0.3322,

 3.7290, 0.4028,

0.3427

0.3870

430.8420, 0.3312,
0.3419

■ 1.5232, 0.4385,
0.4084

■ 0.3049, 0.5766,
0.4234

■ 82.4077, 0.3449,
0.3512

■ 82.4077, 0.3449,
0.3512

■ 73.9918, 0.3660,
0.3640

■ 91.6082, 0.3264,
0.3389

■ 66.3445, 0.3899,
0.3768

100.0000, 0.3127,
0.3290

■ 59.4393, 0.4163,
0.3889

■ 53.2506, 0.4448,
0.3993

■ 47.7506, 0.4742,
0.4068

■ 42.9096, 0.5028,
0.4100

■ 38.6940, 0.5286,
0.4079

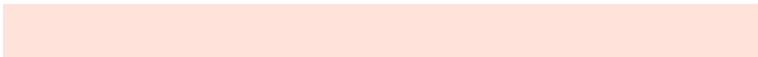
■ 35.0629, 0.5500,
0.4004

■ 34.5412, 0.5531,
0.3990

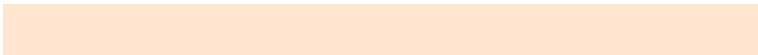
Harmonies

Analogous

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



82.4077, 0.3457, 0.3385



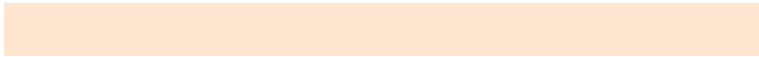
82.4077, 0.3449, 0.3512



82.4077, 0.3353, 0.3584

Triad

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



82.4077, 0.3449, 0.3512



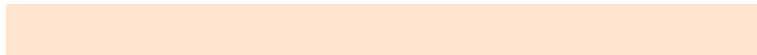
82.4077, 0.2885, 0.3337



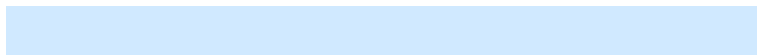
82.4077, 0.3050, 0.3023

Complementary

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



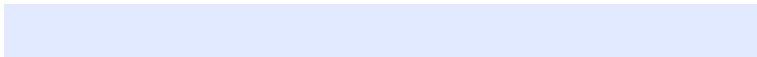
82.4077, 0.3449, 0.3512



78.9038, 0.2836, 0.3057

Split Complementary

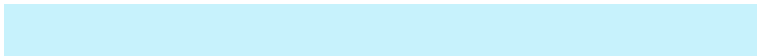
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4077, 0.2901, 0.3005



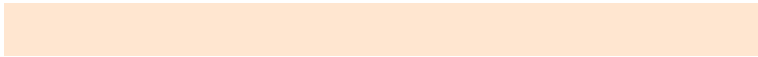
82.4077, 0.3449, 0.3512



82.4077, 0.2809, 0.3181

Square

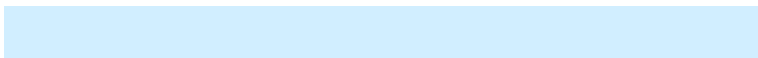
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4077, 0.3449, 0.3512



82.4077, 0.3027, 0.3484



82.4077, 0.2814, 0.3061



82.4077, 0.3223, 0.3108

Rectangle

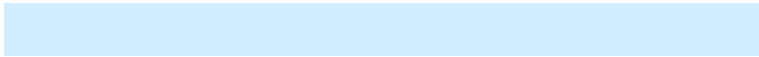
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4077, 0.3449, 0.3512



82.4077, 0.3254, 0.3588



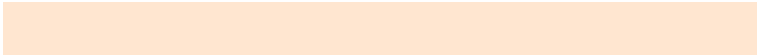
82.4077, 0.2814, 0.3061



82.4077, 0.2995, 0.3009

Sweetspot

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



82.4054, 0.3449, 0.3512



93.9706, 0.3223, 0.3360



72.2546, 0.3303, 0.3040



19.9769, 0.3234, 0.3367



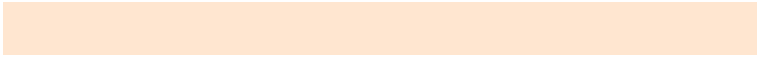
0.0000, 0.0000, 0.0000



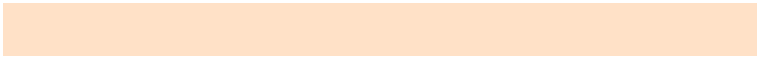
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4054, 0.3449, 0.3512



79.3162, 0.3521, 0.3557



96.3380, 0.3408, 0.3736



19.3890, 0.3283, 0.3402



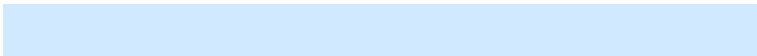
18.3413, 0.5504, 0.4012



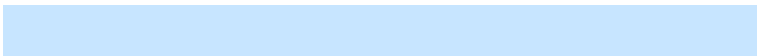
2.0022, 0.5316, 0.4161

Inverse Universe

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



78.9038, 0.2836, 0.3057



75.2429, 0.2778, 0.3007



66.5043, 0.2822, 0.2801



18.9776, 0.2979, 0.3176



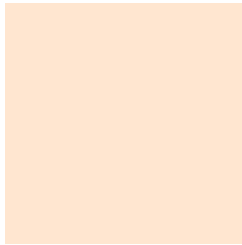
13.2213, 0.1801, 0.1682



1.5061, 0.1855, 0.1878

Previews

White Background



This preview shows how the Yxy color 82.4077, 0.3449, 0.3512 looks on a white background.

Color Contrast Check

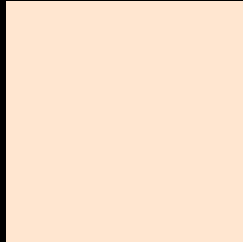
Large Text (above 18pt) WCAG AA × Fail

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 82.4077, 0.3449, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

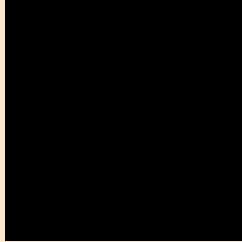
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4077, 0.3449, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 82.4077, 0.3449, 0.3512.

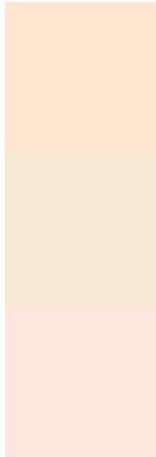


This preview shows how white text looks on a background with the Yxy color 82.4077, 0.3449, 0.3512.

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

82.4077, 0.3449, 0.3512

Protanopia

82.7319, 0.3350, 0.3537

Deuteranopia

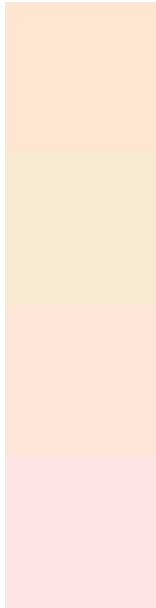
82.4131, 0.3376, 0.3391



Tritanopia

82.5490, 0.3231, 0.3153

Trichromacy



Original Color

82.4077, 0.3449, 0.3512

Protanomaly

82.8377, 0.3387, 0.3535

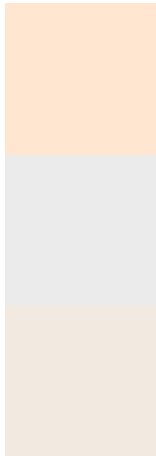
Deuteranomaly

82.2049, 0.3403, 0.3431

Tritanomaly

82.4039, 0.3309, 0.3281

Monochromacy



Original Color

82.4077, 0.3449, 0.3512

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.5913, 0.3240, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4077, 0.3449, 0.3512 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, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 208)  
}
```

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, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 208) }
```

Border

The CSS property to change the border of an element to Yxy 82.4077, 0.3449, 0.3512 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, 230, 208) }
```

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

```
.border{ border-color:rgb(255, 230, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4077, 0.3449, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 208) }
```

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

```
.background{ background-color: rgb(255,  
230, 208) }
```

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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