

Converting Colors

$Y_{xy}(76.2009, 0.3498, 0.3442)$

Have a look what the booklet for
Yxy(76.2009, 0.3498, 0.3442)
contains.

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Color

Yxy(76.2827, 0.3497, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBCC
RGB	255, 219, 204
RGB Percent	100%, 86%, 80%
CMY	0.0002, 0.1411, 0.2001
CMYK	0.00, 0.14, 0.20, 0.00
HSL	18°, 100%, 90%
HSV	18°, 20%, 100%
XYZ	77.4566, 76.2827, 67.7552
YIQ	228.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

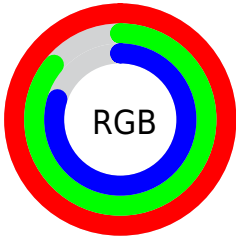
Format	Color
R _Y B	255, 225, 204
Decimal	16767948
CIE Lab	89.99, 10.17, 11.99
CIE LCh	90, 15.727, 49.694
Yxy	76.2827, 0.3497, 0.3444
Android (android.graphics.Color)	4294958028 (0xFFFFDBCC)
YUV	228.0540, -11.8586, 23.6316
Hunter-Lab	87.3400, 5.4561, 15.1430

Details

The Yxy color **76.2827, 0.3497, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3210, 0.2817, 0.3131**, and the grayscale version is **77.6970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7587, 0.3585, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **66.2834, 0.3735, 0.3526**, and if you desaturate by 10%, it is **87.5016, 0.3296, 0.3365**.

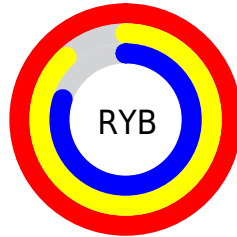
Distribution



Red (100%)

Green (86%)

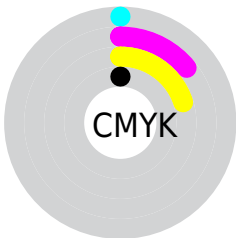
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

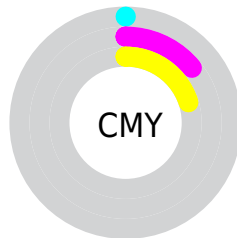


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2827, 0.3497, 0.3444 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 76.2827, 0.3497, 0.3444 by changing the saturation by 10% instead.


 76.2827, 0.3497,
0.3444

 76.2827, 0.3497,
0.3444


482.3149, 0.3326,
0.3376

 56.6644, 0.3536,
0.3459


128.1264, 0.3438,
0.3421

 40.7358, 0.3584,
0.3477

161.1206, 0.3415,
0.3412

 28.1127, 0.3645,
0.3499


199.3422, 0.3395,
0.3404

 18.4106, 0.3724,
0.3527

243.1756, 0.3377,
0.3397

 11.2452, 0.3832,
0.3562

293.0051, 0.3362,
0.3391

 6.2320, 0.3987,
0.3610

349.2153, 0.3349,

 2.9867, 0.4225,

0.3385

0.3674

412.1904, 0.3337,
0.3380

■ 1.1248, 0.4821,
0.3908

■ 0.0000, 1.0000,
0.0000

■ 76.2827, 0.3497,
0.3444

■ 76.2827, 0.3497,
0.3444

■ 66.2834, 0.3735,
0.3526

■ 87.5016, 0.3296,
0.3365

■ 57.4517, 0.4015,
0.3608

99.9693, 0.3127,
0.3290

■ 49.7467, 0.4336,
0.3683

99.9918, 0.3127,
0.3290

■ 43.1213, 0.4693,
0.3742

■ 37.5249, 0.5069,
0.3773

■ 32.9022, 0.5437,
0.3764

■ 29.1920, 0.5759,
0.3708

■ 26.3181, 0.6007,
0.3613

■ 26.3166, 0.6007,
0.3613

Harmonies

Analogous

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



76.2827, 0.3437, 0.3287



76.2827, 0.3497, 0.3444



76.2827, 0.3454, 0.3567

Triad

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



76.2827, 0.3497, 0.3444



76.2827, 0.2959, 0.3453



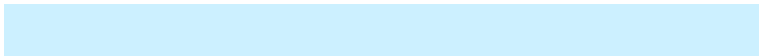
76.2827, 0.2929, 0.2977

Complementary

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



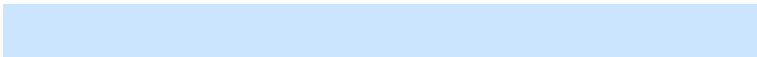
76.2827, 0.3497, 0.3444



82.3210, 0.2817, 0.3131

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.



76.2827, 0.2808, 0.3010



76.2827, 0.3497, 0.3444



76.2827, 0.2825, 0.3282

Square

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



76.2827, 0.3497, 0.3444



76.2827, 0.3140, 0.3578



76.2827, 0.2771, 0.3119



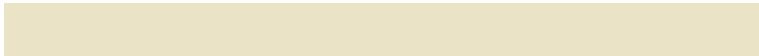
76.2827, 0.3105, 0.3023

Rectangle

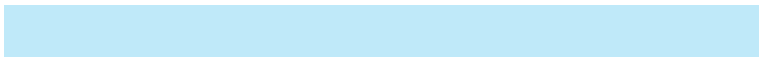
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2827, 0.3497, 0.3444



76.2827, 0.3374, 0.3612



76.2827, 0.2771, 0.3119



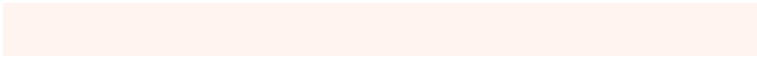
76.2827, 0.2881, 0.2979

Sweetspot

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



76.2862, 0.3497, 0.3444



92.3644, 0.3225, 0.3334



70.7502, 0.3252, 0.2927



19.5978, 0.3236, 0.3339



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.



76.2862, 0.3497, 0.3444



72.1634, 0.3588, 0.3477



90.2589, 0.3450, 0.3687



18.8605, 0.3287, 0.3361



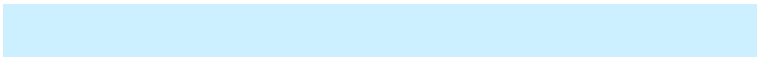
13.9800, 0.5978, 0.3636



1.5411, 0.5757, 0.3811

Inverse Universe

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



82.3210, 0.2817, 0.3131



79.1961, 0.2756, 0.3095



68.6657, 0.2800, 0.2859



19.5228, 0.2980, 0.3218



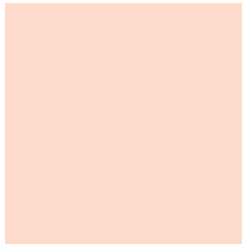
21.0477, 0.1971, 0.2296



2.2393, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 76.2827, 0.3497, 0.3444 looks on a white background.

Color Contrast Check

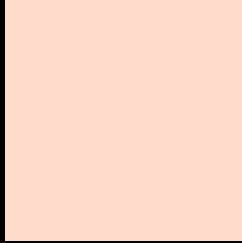
Large Text (above 18pt) WCAG AA × Fail

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 76.2827, 0.3497, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

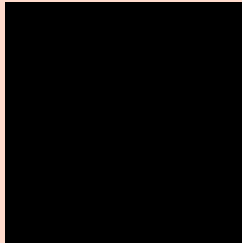
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2827, 0.3497, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 76.2827, 0.3497, 0.3444.



This preview shows how white text looks on a background with the Yxy color 76.2827, 0.3497, 0.3444.

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

76.2827, 0.3497, 0.3444

Protanopia

76.6089, 0.3310, 0.3481

Deuteranopia

76.3308, 0.3490, 0.3433



Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

76.2827, 0.3497, 0.3444

Protanomaly

76.1576, 0.3372, 0.3458

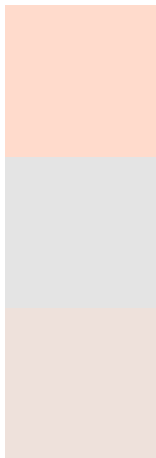
Deuteranomaly

76.3308, 0.3490, 0.3433

Tritanomaly

76.1062, 0.3379, 0.3250

Monochromacy



Original Color

76.2827, 0.3497, 0.3444

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1420, 0.3259, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2827, 0.3497, 0.3444 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, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 204)  
}
```

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, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 204) }
```

Border

The CSS property to change the border of an element to Yxy 76.2827, 0.3497, 0.3444 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, 219, 204) }
```

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

```
.border{ border-color:rgb(255, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2827, 0.3497, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 204) }
```

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

```
.background{ background-color: rgb(255,  
219, 204) }
```

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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