

Converting Colors

$Y_{xy}(74.8218, 0.3549, 0.3489)$

Have a look what the booklet for
Yxy(74.8218, 0.3549, 0.3489)
contains.

Yxy(74.9169, 0.3552, 0.3496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.9169, 0.3552, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C5
RGB	255, 217, 197
RGB Percent	100%, 85%, 77%
CMY	0.0002, 0.1489, 0.2275
CMYK	0.00, 0.15, 0.23, 0.00
HSL	21°, 100%, 89%
HSV	21°, 23%, 100%
XYZ	76.1169, 74.9169, 63.2594
YIQ	226.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

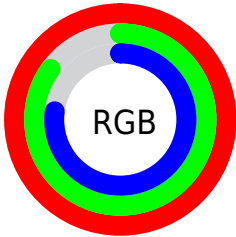
Format	Color
R _Y B	255, 228, 197
Decimal	16767429
CIE Lab	89.35, 10.21, 14.76
CIE LCh	89, 17.946, 55.332
Yxy	74.9169, 0.3552, 0.3496
Android (android.graphics.Color)	4294957509 (0xFFFFD9C5)
YUV	226.0820, -14.3374, 25.3611
Hunter-Lab	86.5545, 5.5042, 17.2554

Details

The Yxy color **74.9169, 0.3552, 0.3496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4517, 0.2772, 0.3074**, and the grayscale version is **76.2040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **39.8296, 0.3659, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **65.6782, 0.3793, 0.3592**, and if you desaturate by 10%, it is **85.2293, 0.3346, 0.3402**.

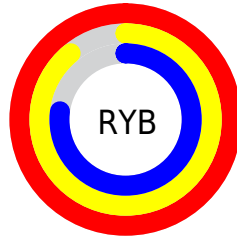
Distribution



Red (100%)

Green (85%)

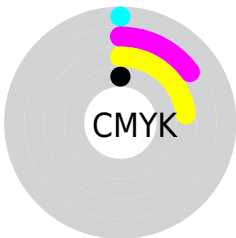
Blue (77%)



Red (100%)

Yellow (89%)

Blue (77%)

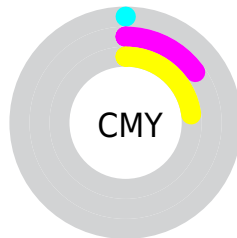


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9169, 0.3552, 0.3496 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 74.9169, 0.3552, 0.3496 by changing the saturation by 10% instead.


 74.9169, 0.3552,
0.3496

 74.9169, 0.3552,
0.3496

477.6319, 0.3355,
0.3404

 55.5448, 0.3597,
0.3516


126.1947, 0.3484,
0.3465

 39.8381, 0.3653,
0.3540


158.8692, 0.3457,
0.3453

 27.4123, 0.3723,
0.3570


196.7467, 0.3434,
0.3442

 17.8831, 0.3815,
0.3607

240.2115, 0.3414,
0.3433

 10.8661, 0.3940,
0.3656

289.6480, 0.3397,
0.3424

 5.9769, 0.4118,
0.3719

345.4407, 0.3381,

 2.8310, 0.4392,

0.3417

0.3804

407.9738, 0.3367,
0.3410

■ 1.0442, 0.5323,
0.4284

■ 0.0000, 1.0000,
0.0000

■ 74.9169, 0.3552,
0.3496

■ 74.9169, 0.3552,
0.3496

■ 65.6782, 0.3793,
0.3592

■ 85.2293, 0.3346,
0.3402

■ 57.4674, 0.4072,
0.3687

■ 96.6391, 0.3170,
0.3313

■ 50.2502, 0.4387,
0.3771

■ 99.9917, 0.3127,
0.3290

■ 43.9863, 0.4730,
0.3835

■ 38.6325, 0.5083,
0.3867

■ 34.1415, 0.5420,
0.3853

■ 30.4606, 0.5709,
0.3787

■ 28.2549, 0.5879,
0.3714

Harmonies

Analogous

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



74.9169, 0.3505, 0.3319



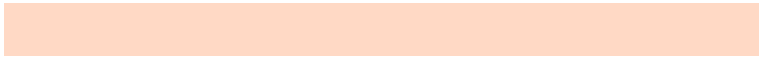
74.9169, 0.3552, 0.3496



74.9169, 0.3480, 0.3626

Triad

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



74.9169, 0.3552, 0.3496



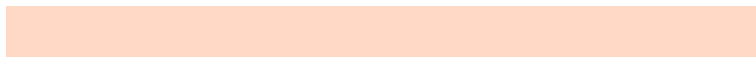
74.9169, 0.2900, 0.3442



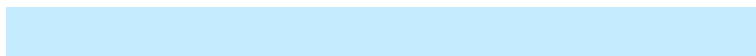
74.9169, 0.2934, 0.2935

Complementary

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



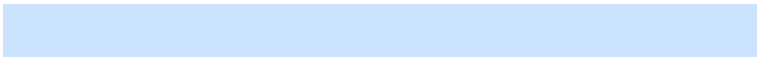
74.9169, 0.3552, 0.3496



78.4517, 0.2772, 0.3074

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.



74.9169, 0.2781, 0.2955



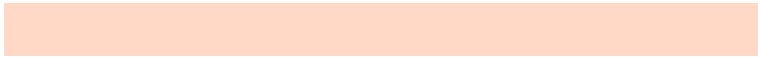
74.9169, 0.3552, 0.3496



74.9169, 0.2762, 0.3241

Square

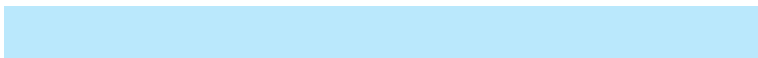
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9169, 0.3552, 0.3496



74.9169, 0.3101, 0.3602



74.9169, 0.2720, 0.3064



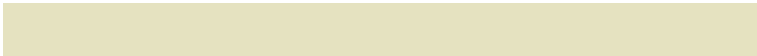
74.9169, 0.3143, 0.3004

Rectangle

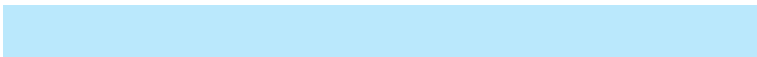
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9169, 0.3552, 0.3496



74.9169, 0.3377, 0.3667



74.9169, 0.2720, 0.3064



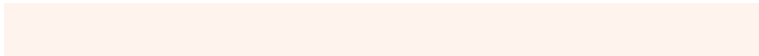
74.9169, 0.2875, 0.2931

Sweetspot

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



74.9203, 0.3552, 0.3496



91.6768, 0.3241, 0.3350



67.2102, 0.3295, 0.2903



19.4745, 0.3252, 0.3356



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.



74.9203, 0.3552, 0.3496



70.8815, 0.3650, 0.3537



90.7649, 0.3491, 0.3771



19.0139, 0.3286, 0.3373



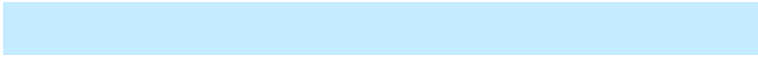
15.0192, 0.5849, 0.3738



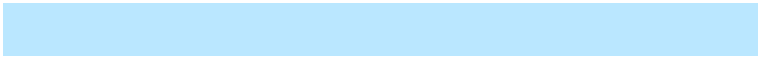
1.6570, 0.5631, 0.3911

Inverse Universe

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



78.4517, 0.2772, 0.3074



74.9401, 0.2706, 0.3028



63.5379, 0.2748, 0.2759



19.3621, 0.2980, 0.3206



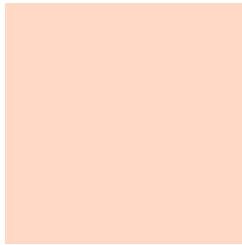
18.4729, 0.1921, 0.2114



2.0028, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 74.9169, 0.3552, 0.3496 looks on a white background.

Color Contrast Check

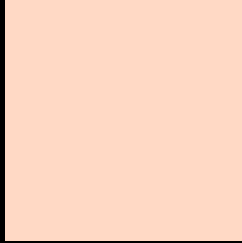
Large Text (above 18pt) WCAG AA × Fail

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 74.9169, 0.3552, 0.3496 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 74.9169, 0.3552, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 74.9169, 0.3552, 0.3496.

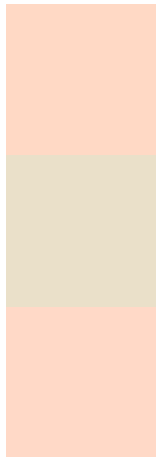


This preview shows how white text looks on a background with the Yxy color 74.9169, 0.3552, 0.3496.

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

74.9169, 0.3552, 0.3496

Protanopia

75.0208, 0.3353, 0.3536

Deuteranopia

75.0092, 0.3538, 0.3475



Tritanopia

74.9546, 0.3332, 0.3150

Trichromacy



Original Color

74.9169, 0.3552, 0.3496

Protanomaly

74.7603, 0.3424, 0.3512

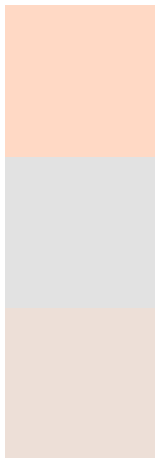
Deuteranomaly

74.9629, 0.3545, 0.3485

Tritanomaly

74.8706, 0.3410, 0.3271

Monochromacy



Original Color

74.9169, 0.3552, 0.3496

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6862, 0.3281, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9169, 0.3552, 0.3496 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, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 197)  
}
```

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, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 197) }
```

Border

The CSS property to change the border of an element to Yxy 74.9169, 0.3552, 0.3496 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, 217, 197) }
```

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

```
.border{ border-color:rgb(255, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9169, 0.3552, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 197) }
```

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

```
.background{ background-color: rgb(255,  
217, 197) }
```

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