

Converting Colors

$Y_{xy}(100.0000, 0.4208, 0.3348)$

Have a look what the booklet for
Yxy(100.0000, 0.4208, 0.3348)
contains.

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Color

Yxy(74.9752, 0.3467, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D1
RGB	255, 216, 209
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1530, 0.1804
CMYK	0.00, 0.15, 0.18, 0.00
HSL	9°, 100%, 91%
HSV	9°, 18%, 100%
XYZ	77.3168, 74.9752, 70.7158
YIQ	226.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

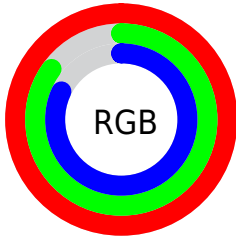
Format	Color
R _Y B	255, 217, 209
Decimal	16767185
CIE Lab	89.38, 12.52, 8.49
CIE LCh	89, 15.126, 34.153
Yxy	74.9752, 0.3467, 0.3362
Android (android.graphics.Color)	4294957265 (0xFFFFD8D1)
YUV	226.8630, -8.8065, 24.6761
Hunter-Lab	86.5882, 7.8577, 12.1902

Details

The Yxy color **74.9752, 0.3467, 0.3362** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9149, 0.2851, 0.3217**, and the grayscale version is **76.7566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8621, 0.3546, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **63.4459, 0.3715, 0.3405**, and if you desaturate by 10%, it is **88.1536, 0.3263, 0.3321**.

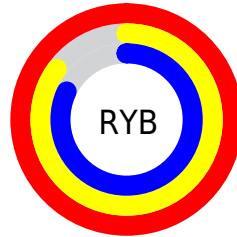
Distribution



Red (100%)

Green (85%)

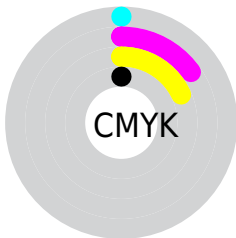
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

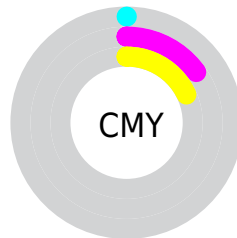


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9752, 0.3467, 0.3362 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 74.9752, 0.3467, 0.3362 by changing the saturation by 10% instead.


 74.9752, 0.3467,
0.3362

 74.9752, 0.3467,
0.3362


477.8323, 0.3309,
0.3331

 55.5926, 0.3503,
0.3369

126.2773, 0.3412,
0.3352

 39.8764, 0.3548,
0.3376


158.9655, 0.3391,
0.3348

 27.4422, 0.3604,
0.3386

196.8577, 0.3373,
0.3344

 17.9056, 0.3679,
0.3397


240.3383, 0.3357,
0.3341

 10.8822, 0.3780,
0.3411

289.7916, 0.3343,
0.3338

 5.9877, 0.3926,
0.3429

345.6022, 0.3330,

 2.8376, 0.4154,

0.3335

0.3450

408.1543, 0.3319,
0.3333

■ 1.0475, 0.4651,
0.3536

■ 0.0000, 1.0000,
0.0000

■ 74.9752, 0.3467,
0.3362

■ 74.9752, 0.3467,
0.3362

■ 63.4459, 0.3715,
0.3405

■ 88.1536, 0.3263,
0.3321

■ 53.5163, 0.4014,
0.3448

100.0000, 0.3127,
0.3290

■ 45.1103, 0.4369,
0.3487

■ 38.1519, 0.4775,
0.3516

■ 32.5588, 0.5211,
0.3528

■ 28.2400, 0.5638,
0.3515

■ 25.0933, 0.5999,
0.3472

■ 22.9983, 0.6242,
0.3408

■ 22.6951, 0.6279,
0.3396

Harmonies

Analogous

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



74.9752, 0.3363, 0.3208



74.9752, 0.3467, 0.3362



74.9752, 0.3477, 0.3503

Triad

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



74.9752, 0.3467, 0.3362



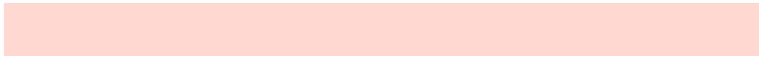
74.9752, 0.3053, 0.3519



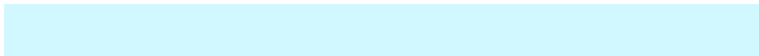
74.9752, 0.2866, 0.2994

Complementary

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



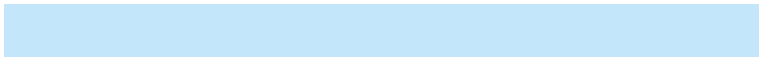
74.9752, 0.3467, 0.3362



87.9149, 0.2851, 0.3217

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.



74.9752, 0.2789, 0.3066



74.9752, 0.3467, 0.3362



74.9752, 0.2894, 0.3370

Square

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



74.9752, 0.3467, 0.3362



74.9752, 0.3234, 0.3601



74.9752, 0.2799, 0.3202



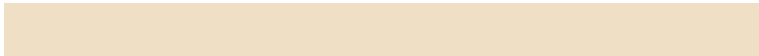
74.9752, 0.3013, 0.2999

Rectangle

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



74.9752, 0.3467, 0.3362



74.9752, 0.3429, 0.3571



74.9752, 0.2799, 0.3202



74.9752, 0.2831, 0.3009

Sweetspot

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



74.9697, 0.3467, 0.3362



92.5003, 0.3209, 0.3309



73.6433, 0.3196, 0.2905



19.5808, 0.3221, 0.3312



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

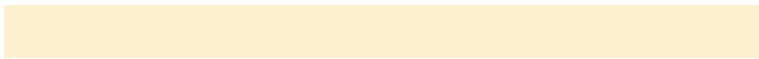
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9697, 0.3467, 0.3362



70.2114, 0.3559, 0.3379



87.5373, 0.3427, 0.3589



18.4325, 0.3291, 0.3327



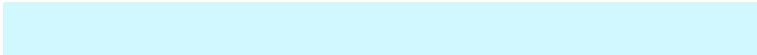
11.9908, 0.6258, 0.3413



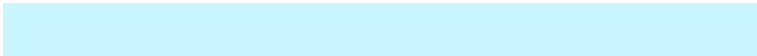
1.2920, 0.6072, 0.3561

Inverse Universe

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



87.9149, 0.2851, 0.3217



85.5485, 0.2793, 0.3199



74.6787, 0.2838, 0.2972



19.9833, 0.2980, 0.3253



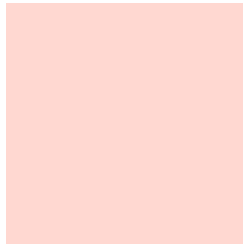
29.6777, 0.2111, 0.2799



3.0113, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 74.9752, 0.3467, 0.3362 looks on a white background.

Color Contrast Check

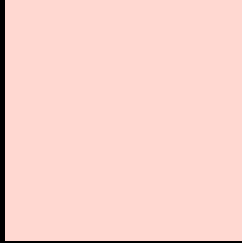
Large Text (above 18pt) WCAG AA × Fail

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 74.9752, 0.3467, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

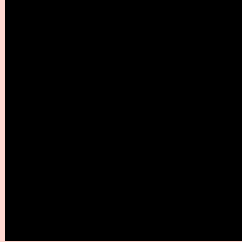
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

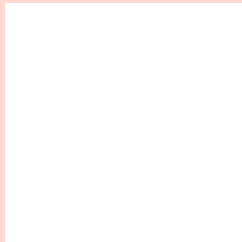
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9752, 0.3467, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 74.9752, 0.3467, 0.3362.

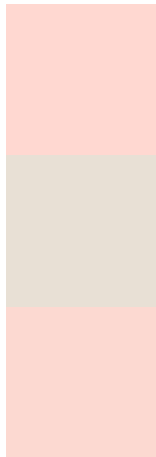


This preview shows how white text looks on a background with the Yxy color 74.9752, 0.3467, 0.3362.

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

74.9752, 0.3467, 0.3362

Protanopia

75.2712, 0.3257, 0.3407

Deuteranopia

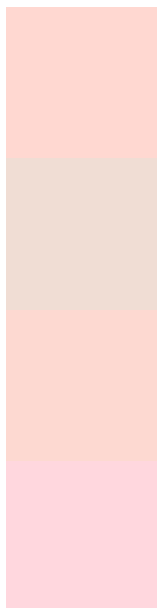
74.9246, 0.3442, 0.3373



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

74.9752, 0.3467, 0.3362

Protanomaly

74.9916, 0.3326, 0.3385

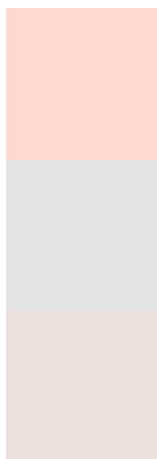
Deuteranomaly

75.1118, 0.3450, 0.3373

Tritanomaly

75.1348, 0.3374, 0.3220

Monochromacy



Original Color

74.9752, 0.3467, 0.3362

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9472, 0.3247, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9752, 0.3467, 0.3362 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, 216, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 209)  
}
```

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, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 209) }
```

Border

The CSS property to change the border of an element to Yxy 74.9752, 0.3467, 0.3362 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, 216, 209) }
```

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

```
.border{ border-color:rgb(255, 216, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9752, 0.3467, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 209) }
```

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

```
.background{ background-color: rgb(255,  
216, 209) }
```

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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