

Converting Colors

$Y_{xy}(100.0000, 0.4192, 0.3358)$

Have a look what the booklet for
Yxy(100.0000, 0.4192, 0.3358)
contains.

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Color

Yxy(75.4892, 0.3465, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D1
RGB	255, 217, 209
RGB Percent	100%, 85%, 82%
CMY	0.0000, 0.1490, 0.1803
CMYK	0.00, 0.15, 0.18, 0.00
HSL	10°, 100%, 91%
HSV	10°, 18%, 100%
XYZ	77.5712, 75.4892, 70.8103
YIQ	227.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

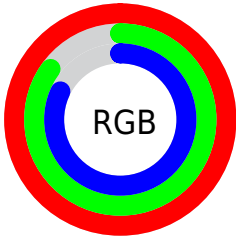
Format	Color
R _Y B	255, 219, 209
Decimal	16767441
CIE _{Lab}	89.62, 11.99, 8.83
CIE _{LCh}	90, 14.892, 36.359
Y _{xy}	75.4892, 0.3465, 0.3372
Android (android.graphics.Color)	4294957521 (0xFFFFD9D1)
Y _{UV}	227.4500, -9.0958, 24.1614
Hunter-Lab	86.8845, 7.3183, 12.4982

Details

The Yxy color **75.4892, 0.3465, 0.3372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3093, 0.2850, 0.3206**, and the grayscale version is **77.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2130, 0.3543, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **64.1438, 0.3710, 0.3421**, and if you desaturate by 10%, it is **88.4183, 0.3263, 0.3325**.

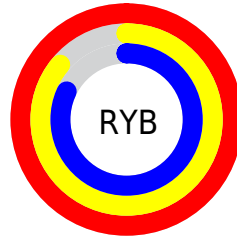
Distribution



Red (100%)

Green (85%)

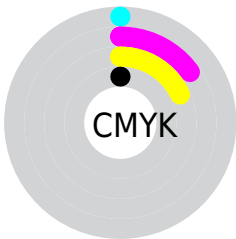
Blue (82%)



Red (100%)

Yellow (86%)

Blue (82%)

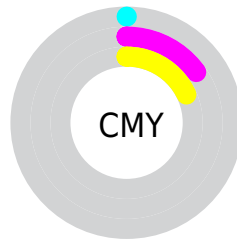


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4892, 0.3465, 0.3372 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 75.4892, 0.3465, 0.3372 by changing the saturation by 10% instead.


 75.4892, 0.3465,
0.3372

 75.4892, 0.3465,
0.3372


479.5973, 0.3308,
0.3337

 56.0138, 0.3501,
0.3380


127.0046, 0.3411,
0.3360

 40.2140, 0.3545,
0.3389

159.8134, 0.3390,
0.3355

 27.7054, 0.3601,
0.3400


197.8353, 0.3371,
0.3351

 18.1037, 0.3674,
0.3413

241.4549, 0.3356,
0.3348

 11.0245, 0.3774,
0.3430

291.0565, 0.3342,
0.3344

 6.0833, 0.3919,
0.3452

347.0245, 0.3329,

 2.8958, 0.4143,

0.3341

0.3479

409.7433, 0.3318,
0.3339

■ 1.0776, 0.4627,
0.3573

■ 0.0000, 1.0000,
0.0000

■ 75.4892, 0.3465,
0.3372

■ 75.4892, 0.3465,
0.3372

■ 64.1438, 0.3710,
0.3421

■ 88.4183, 0.3263,
0.3325

■ 54.3289, 0.4005,
0.3470

100.0000, 0.3127,
0.3290

■ 45.9759, 0.4354,
0.3514

■ 39.0142, 0.4752,
0.3549

■ 33.3673, 0.5179,
0.3564

■ 28.9511, 0.5600,
0.3551

■ 25.6714, 0.5959,
0.3506

■ 23.4179, 0.6209,
0.3434

■ 23.0808, 0.6248,
0.3421

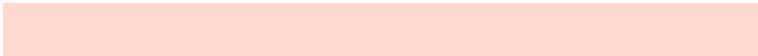
Harmonies

Analogous

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



75.4892, 0.3369, 0.3220



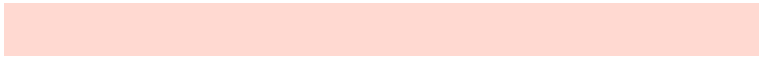
75.4892, 0.3465, 0.3372



75.4892, 0.3468, 0.3508

Triad

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



75.4892, 0.3465, 0.3372



75.4892, 0.3041, 0.3505



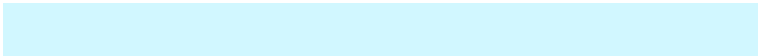
75.4892, 0.2879, 0.2996

Complementary

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



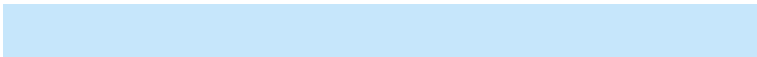
75.4892, 0.3465, 0.3372



87.3093, 0.2850, 0.3206

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.



75.4892, 0.2797, 0.3062



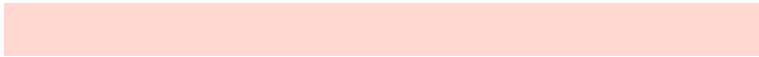
75.4892, 0.3465, 0.3372



75.4892, 0.2889, 0.3356

Square

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



75.4892, 0.3465, 0.3372



75.4892, 0.3219, 0.3592



75.4892, 0.2801, 0.3193



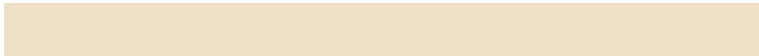
75.4892, 0.3028, 0.3007

Rectangle

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



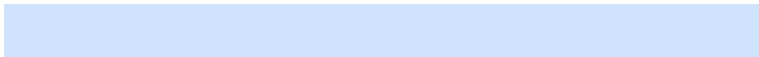
75.4892, 0.3465, 0.3372



75.4892, 0.3416, 0.3572



75.4892, 0.2801, 0.3193



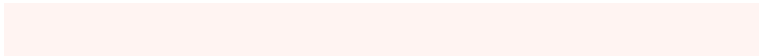
75.4892, 0.2843, 0.3010

Sweetspot

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



75.4864, 0.3465, 0.3372



92.6662, 0.3209, 0.3312



73.6026, 0.3201, 0.2913



19.6209, 0.3221, 0.3315



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

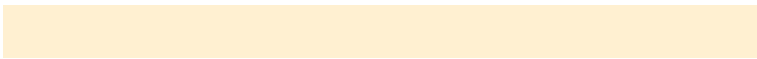
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4864, 0.3465, 0.3372



70.8020, 0.3556, 0.3391



87.9903, 0.3425, 0.3596



18.4965, 0.3290, 0.3332



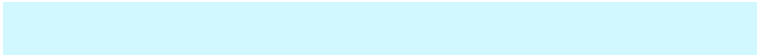
12.2074, 0.6225, 0.3439



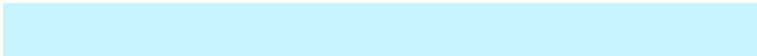
1.3225, 0.6030, 0.3594

Inverse Universe

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



87.3093, 0.2850, 0.3206



84.8123, 0.2792, 0.3186



74.2717, 0.2837, 0.2964



19.9133, 0.2980, 0.3248



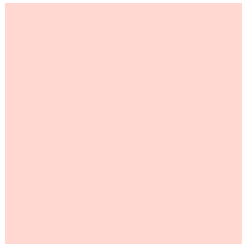
28.2449, 0.2090, 0.2725



2.8849, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 75.4892, 0.3465, 0.3372 looks on a white background.

Color Contrast Check

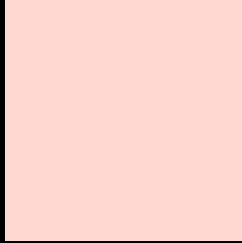
Large Text (above 18pt) WCAG AA × Fail

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 75.4892, 0.3465, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

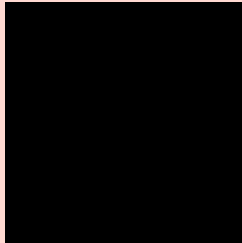
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

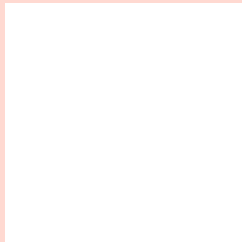
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4892, 0.3465, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 75.4892, 0.3465, 0.3372.

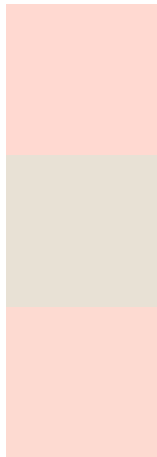


This preview shows how white text looks on a background with the Yxy color 75.4892, 0.3465, 0.3372.

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

75.4892, 0.3465, 0.3372

Protanopia

75.8103, 0.3256, 0.3418

Deuteranopia

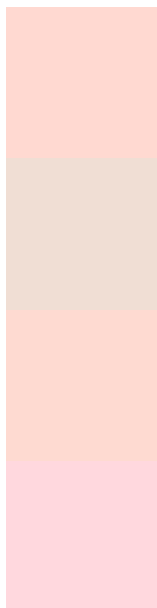
75.6289, 0.3448, 0.3383



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.4892, 0.3465, 0.3372

Protanomaly

75.5213, 0.3324, 0.3395

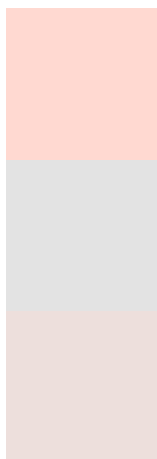
Deuteranomaly

75.8171, 0.3456, 0.3383

Tritanomaly

75.6457, 0.3373, 0.3230

Monochromacy



Original Color

75.4892, 0.3465, 0.3372

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 75.4892, 0.3465, 0.3372 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.4892, 0.3465, 0.3372 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, 209) }
```

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

```
.border{ border-color:rgb(255, 217, 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, 217, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4892, 0.3465, 0.3372 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, 209) }
```

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

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