

# Converting Colors

$Y_{xy}(75.7893, 0.3438, 0.3405)$

Have a look what the booklet for  
Yxy(75.7893, 0.3438, 0.3405)  
contains.

<b>Yxy(75.7263, 0.3438, 0.3404)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(75.7263, 0.3438, 0.3404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBDBD0
RGB	251, 219, 208
RGB Percent	98%, 86%, 82%
CMY	0.0159, 0.1411, 0.1843
CMYK	0.00, 0.13, 0.17, 0.02
HSL	15°, 84%, 90%
HSV	15°, 17%, 98%
XYZ	76.4827, 75.7263, 70.2537
YIQ	227.3140, 22.6030, 3.3630

# Conversions

## Conversions Part 2

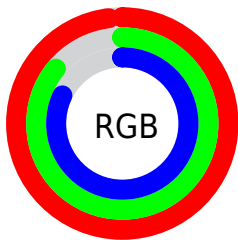
Format	Color
R <sub>Y</sub> B	251, 223, 208
Decimal	16505808
CIE Lab	89.73, 9.32, 9.47
CIE LCh	90, 13.291, 45.468
Yxy	75.7263, 0.3438, 0.3404
Android (android.graphics.Color)	4294695888 (0xFFFBDBD0)
YUV	227.3140, -9.5218, 20.7726
Hunter-Lab	87.0209, 4.5972, 13.0486

# Details

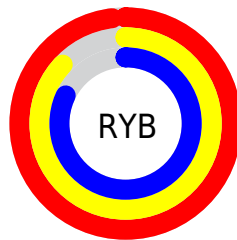
The Yxy color **75.7263, 0.3438, 0.3404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6317, 0.2863, 0.3173**, and the grayscale version is **77.1121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3533, 0.3508, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **65.3993, 0.3669, 0.3476**, and if you desaturate by 10%, it is **87.3452, 0.3245, 0.3336**.

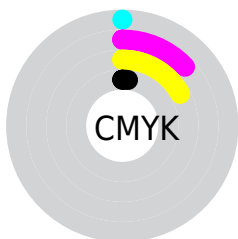
# Distribution



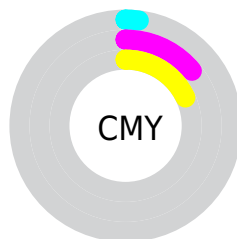
- Red (98%)
- Green (86%)
- Blue (82%)



- Red (98%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (14%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7263, 0.3438, 0.3404 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 75.7263, 0.3438, 0.3404 by changing the saturation by 10% instead.




 75.7263, 0.3438,  
0.3404

 75.7263, 0.3438,  
0.3404


480.4103, 0.3294,  
0.3353

 56.2081, 0.3471,  
0.3415


127.3399, 0.3388,  
0.3387

 40.3698, 0.3511,  
0.3428


160.2042, 0.3369,  
0.3380

 27.8270, 0.3563,  
0.3445


198.2859, 0.3352,  
0.3374

 18.1953, 0.3630,  
0.3466

241.9695, 0.3337,  
0.3369

 11.0903, 0.3722,  
0.3493

291.6393, 0.3325,  
0.3364

 6.1276, 0.3853,  
0.3529

347.6798, 0.3313,

 2.9228, 0.4058,

0.3360

0.3580

410.4753, 0.3303,  
0.3357

■ 1.0916, 0.4520,  
0.3733

■ 0.0000, 1.0000,  
0.0000

■ 75.7263, 0.3438,  
0.3404

■ 75.7263, 0.3438,  
0.3404

■ 65.3993, 0.3669,  
0.3476

■ 87.3452, 0.3245,  
0.3336

■ 56.3091, 0.3943,  
0.3547

■ 99.2378, 0.3102,  
0.3290

■ 48.4115, 0.4263,  
0.3615

■ 41.6556, 0.4625,  
0.3670

■ 35.9871, 0.5015,  
0.3703

■ 31.3465, 0.5406,  
0.3701

■ 27.6685, 0.5757,  
0.3657

■ 24.8780, 0.6027,  
0.3571

■ 24.2203, 0.6092,  
0.3545

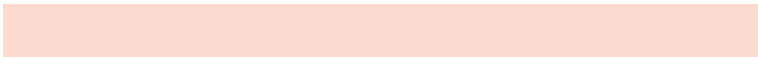
# Harmonies

## Analogous

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



75.7263, 0.3376, 0.3269



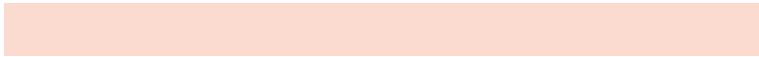
75.7263, 0.3438, 0.3404



75.7263, 0.3414, 0.3514

# Triad

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



75.7263, 0.3438, 0.3404



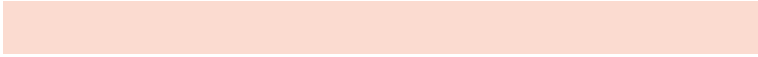
75.7263, 0.3005, 0.3445



75.7263, 0.2941, 0.3023

# Complementary

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



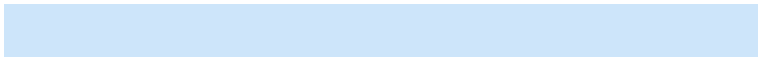
75.7263, 0.3438, 0.3404



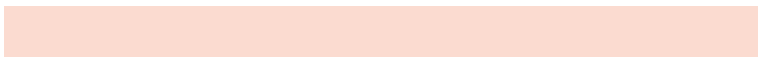
82.6317, 0.2863, 0.3173

# 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.



75.7263, 0.2847, 0.3062



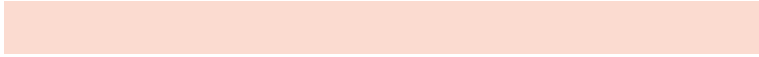
75.7263, 0.3438, 0.3404



75.7263, 0.2883, 0.3305

# Square

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



75.7263, 0.3438, 0.3404



75.7263, 0.3162, 0.3543



75.7263, 0.2826, 0.3164

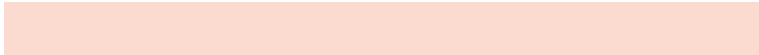


75.7263, 0.3086, 0.3053



# Rectangle

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



75.7263, 0.3438, 0.3404



75.7263, 0.3353, 0.3557



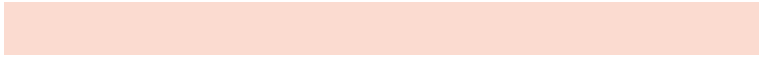
75.7263, 0.2826, 0.3164



75.7263, 0.2903, 0.3029

# Sweetspot

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



75.7297, 0.3438, 0.3404



93.3099, 0.3208, 0.3322



71.9088, 0.3222, 0.2967



19.7769, 0.3220, 0.3327



0.0000, 0.0000, 0.0000

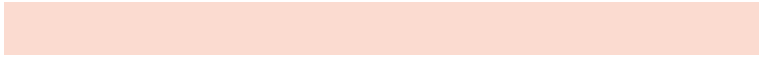


21.4041, 0.3127, 0.3290

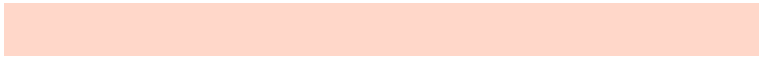


# Same Dimension

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



75.7297, 0.3438, 0.3404



74.2074, 0.3523, 0.3432



87.4904, 0.3403, 0.3614



17.9502, 0.3288, 0.3352



12.9352, 0.6064, 0.3567

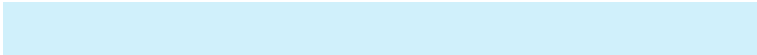


1.3611, 0.5835, 0.3749

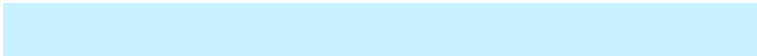


# Inverse Universe

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



82.6317, 0.2863, 0.3173



82.7513, 0.2803, 0.3144



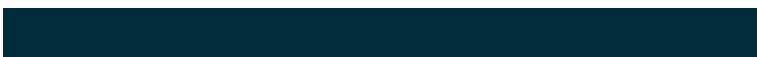
70.8913, 0.2851, 0.2943



18.8091, 0.2980, 0.3228



22.4768, 0.2009, 0.2433

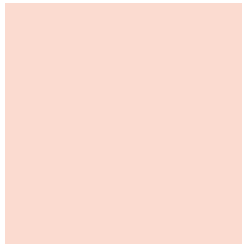


2.2520, 0.2041, 0.2548



# Previews

## White Background



This preview shows how the Yxy color 75.7263, 0.3438, 0.3404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

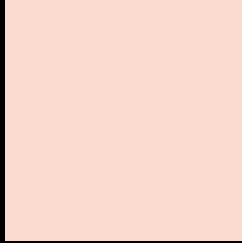
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 75.7263, 0.3438, 0.3404 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

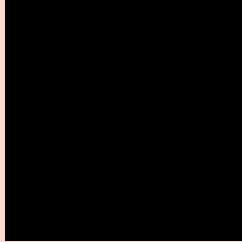
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 75.7263, 0.3438, 0.3404**

## Background



This preview shows how black text looks on a background with the Yxy color 75.7263, 0.3438, 0.3404.

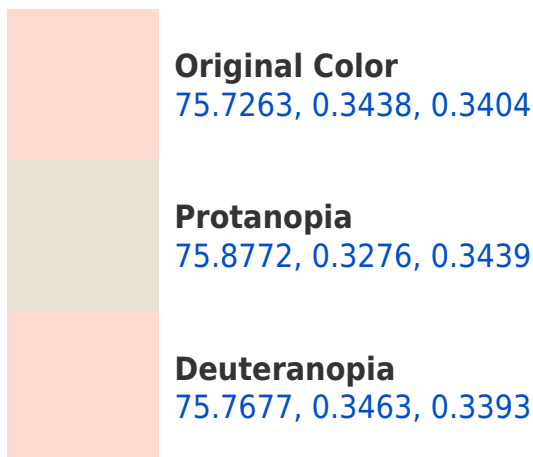


This preview shows how white text looks on a background with the Yxy color 75.7263, 0.3438, 0.3404.

# 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

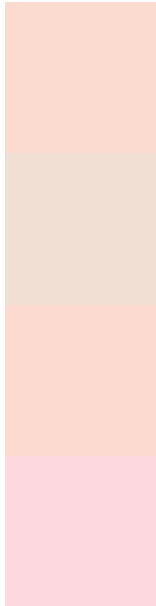




## Tritanopia

75.4979, 0.3296, 0.3120

# Trichromacy



**Original Color**

75.7263, 0.3438, 0.3404

**Protanomaly**

75.9538, 0.3337, 0.3427

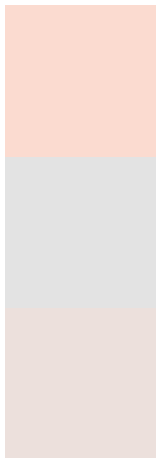
**Deuteranomaly**

75.5795, 0.3455, 0.3393

**Tritanomaly**

75.3221, 0.3351, 0.3220

# Monochromacy



**Original Color**

75.7263, 0.3438, 0.3404

**Achromatopsia**

76.8151, 0.3127, 0.3290

**Achromatomaly**

76.3115, 0.3239, 0.3332

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 75.7263, 0.3438, 0.3404 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(251, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 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(251, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 75.7263, 0.3438, 0.3404 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(251, 219, 208) }
```

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

```
.border{ border-color:rgb(251, 219, 208) }
```

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

Here you see how a box with a 4 pixel rgb(251, 219, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
208) }
```



# Background

The CSS property to change the background color of an element to Yxy 75.7263, 0.3438, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 208) }
```

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

```
.background{ background-color: rgb(251,  
219, 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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