

Converting Colors

$Y_{xy}(75.4276, 0.3446, 0.3401)$

Have a look what the booklet for
Yxy(75.4276, 0.3446, 0.3401)
contains.

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Color

Yxy(75.2061, 0.3440, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FBDAD0
RGB	251, 218, 208
RGB Percent	98%, 85%, 82%
CMY	0.0156, 0.1451, 0.1842
CMYK	0.00, 0.13, 0.17, 0.02
HSL	14°, 84%, 90%
HSV	14°, 17%, 98%
XYZ	76.2479, 75.2061, 70.1968
YIQ	226.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

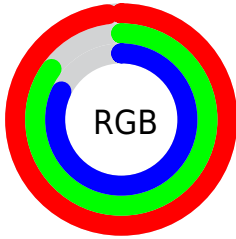
Format	Color
R _Y B	251, 221, 208
Decimal	16505552
CIE Lab	89.49, 9.89, 9.10
CIE LCh	89, 13.442, 42.625
Yxy	75.2061, 0.3440, 0.3393
Android (android.graphics.Color)	4294695632 (0xFFFBDA0)
YUV	226.7270, -9.2324, 21.2874
Hunter-Lab	86.7215, 5.1795, 12.7126

Details

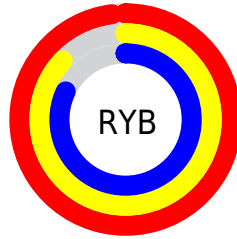
The Yxy color **75.2061, 0.3440, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3265, 0.2863, 0.3185**, and the grayscale version is **76.6678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9968, 0.3511, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **64.6427, 0.3674, 0.3458**, and if you desaturate by 10%, it is **87.1356, 0.3245, 0.3331**.

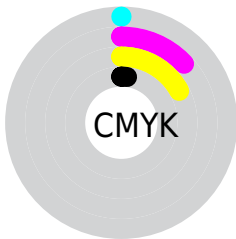
Distribution



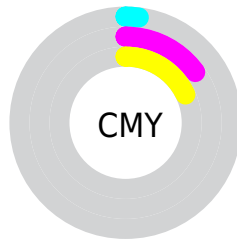
- Red (98%)
- Green (85%)
- Blue (82%)



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



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





- Cyan (2%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2061, 0.3440, 0.3393 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 75.2061, 0.3440, 0.3393 by changing the saturation by 10% instead.


 75.2061, 0.3440,
0.3393

 75.2061, 0.3440,
0.3393

478.6257, 0.3295,
0.3347

 55.7818, 0.3473,
0.3403


126.6041, 0.3390,
0.3378

 40.0280, 0.3514,
0.3415


159.3465, 0.3370,
0.3372

 27.5604, 0.3566,
0.3430


197.2970, 0.3353,
0.3366

 17.9945, 0.3634,
0.3448

240.8401, 0.3339,
0.3362

 10.9460, 0.3727,
0.3472

290.3601, 0.3326,
0.3357

 6.0306, 0.3861,
0.3504

346.2414, 0.3314,

 2.8637, 0.4069,

0.3354

0.3548

408.8685, 0.3304,
0.3350

■ 1.0610, 0.4544,
0.3691

■ 0.0000, 1.0000,
0.0000

■ 75.2061, 0.3440,
0.3393

■ 75.2061, 0.3440,
0.3393

■ 64.6427, 0.3674,
0.3458

■ 87.1356, 0.3245,
0.3331

■ 55.3864, 0.3953,
0.3523

■ 99.2520, 0.3103,
0.3290

■ 47.3886, 0.4280,
0.3583

■ 40.5941, 0.4651,
0.3632

■ 34.9430, 0.5053,
0.3660

■ 30.3705, 0.5454,
0.3655

■ 26.8044, 0.5812,
0.3610

■ 24.1624, 0.6081,
0.3528

■ 23.5543, 0.6144,
0.3503

Harmonies

Analogous

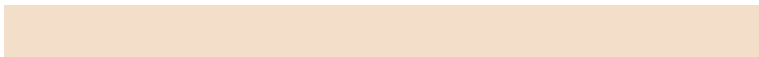
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2061, 0.3369, 0.3255



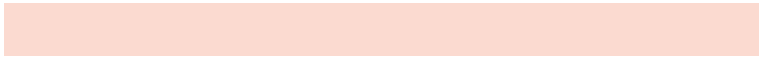
75.2061, 0.3440, 0.3393



75.2061, 0.3424, 0.3509

Triad

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



75.2061, 0.3440, 0.3393



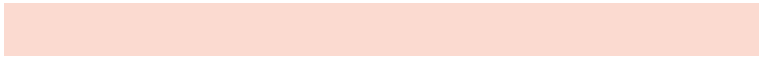
75.2061, 0.3018, 0.3460



75.2061, 0.2927, 0.3020

Complementary

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



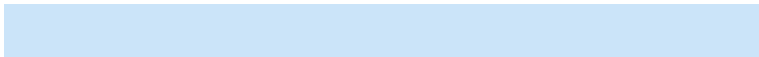
75.2061, 0.3440, 0.3393



83.3265, 0.2863, 0.3185

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.



75.2061, 0.2838, 0.3066



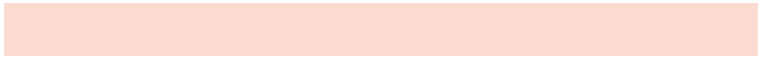
75.2061, 0.3440, 0.3393



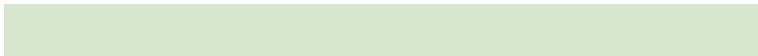
75.2061, 0.2889, 0.3319

Square

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



75.2061, 0.3440, 0.3393



75.2061, 0.3177, 0.3552



75.2061, 0.2824, 0.3174



75.2061, 0.3071, 0.3044

Rectangle

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



75.2061, 0.3440, 0.3393



75.2061, 0.3367, 0.3557



75.2061, 0.2824, 0.3174



75.2061, 0.2890, 0.3028

Sweetspot

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



75.2095, 0.3440, 0.3393



93.1143, 0.3209, 0.3319



72.0363, 0.3212, 0.2953



19.7295, 0.3221, 0.3323



0.0000, 0.0000, 0.0000



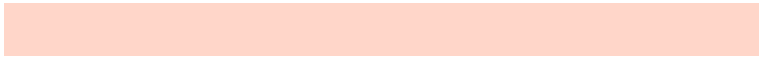
21.4041, 0.3127, 0.3290

Same Dimension

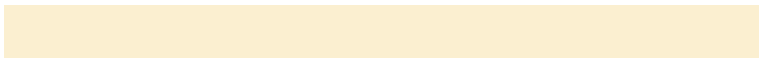
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2095, 0.3440, 0.3393



73.5193, 0.3526, 0.3418



86.7068, 0.3405, 0.3600



17.8777, 0.3288, 0.3346



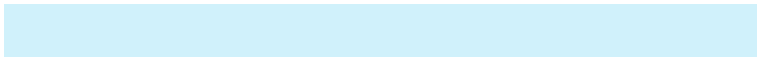
12.5612, 0.6118, 0.3525



1.3174, 0.5893, 0.3703

Inverse Universe

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



83.3265, 0.2863, 0.3185



83.5575, 0.2804, 0.3158



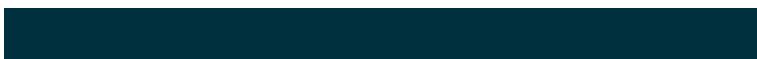
71.6817, 0.2852, 0.2959



18.8866, 0.2980, 0.3234



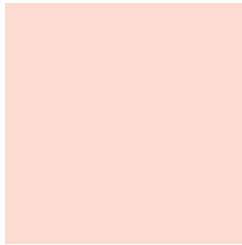
23.9053, 0.2034, 0.2523



2.3737, 0.2063, 0.2625

Previews

White Background



This preview shows how the Yxy color 75.2061, 0.3440, 0.3393 looks on a white background.

Color Contrast Check

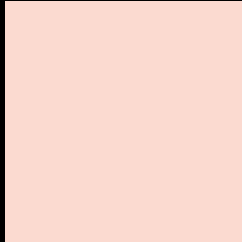
Large Text (above 18pt) WCAG AA × Fail

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 75.2061, 0.3440, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

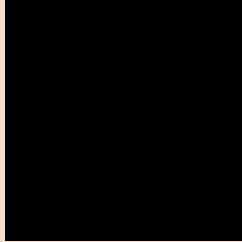
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2061, 0.3440, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 75.2061, 0.3440, 0.3393.

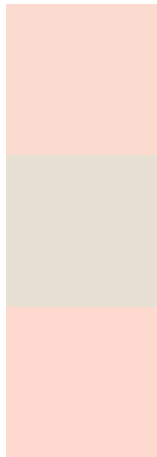


This preview shows how white text looks on a background with the Yxy color 75.2061, 0.3440, 0.3393.

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

75.2061, 0.3440, 0.3393

Protanopia

75.1703, 0.3270, 0.3429

Deuteranopia

75.0624, 0.3457, 0.3383



Tritanopia

74.9335, 0.3304, 0.3120

Trichromacy



Original Color

75.2061, 0.3440, 0.3393

Protanomaly

75.2464, 0.3331, 0.3417

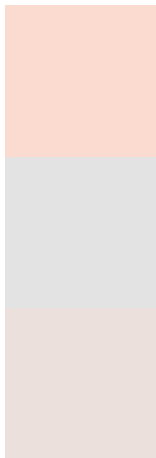
Deuteranomaly

74.8752, 0.3449, 0.3383

Tritanomaly

74.8112, 0.3352, 0.3210

Monochromacy



Original Color

75.2061, 0.3440, 0.3393

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 75.2061, 0.3440, 0.3393 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, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 218, 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, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 218, 208) }
```

Border

The CSS property to change the border of an element to Yxy 75.2061, 0.3440, 0.3393 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, 218, 208) }
```

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

```
.border{ border-color:rgb(251, 218, 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, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 218,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2061, 0.3440, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 218, 208) }
```

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

```
.background{ background-color: rgb(251,  
218, 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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