

Converting Colors

$Y_{xy}(75.1294, 0.3376, 0.3397)$

Have a look what the booklet for
Yxy(75.1294, 0.3376, 0.3397)
contains.

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Color

Yxy(75.0726, 0.3370, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	F4DCD2
RGB	244, 220, 210
RGB Percent	96%, 86%, 82%
CMY	0.0434, 0.1372, 0.1765
CMYK	0.00, 0.10, 0.14, 0.04
HSL	18°, 61%, 89%
HSV	18°, 14%, 96%
XYZ	74.5198, 75.0726, 71.5346
YIQ	226.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

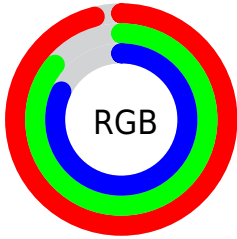
Format	Color
R _Y B	244, 224, 210
Decimal	16047314
CIE Lab	89.43, 6.62, 7.90
CIE LCh	89, 10.312, 50.041
Yxy	75.0726, 0.3370, 0.3395
Android (android.graphics.Color)	4294237394 (0xFFF4DCD2)
YUV	226.0360, -7.9057, 15.7544
Hunter-Lab	86.6444, 1.8937, 11.7007

Details

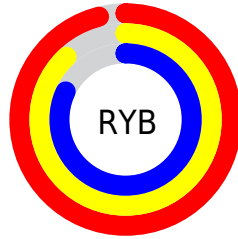
The Yxy color **75.0726, 0.3370, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0303, 0.2912, 0.3183**, and the grayscale version is **76.1272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0019, 0.3428, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **65.3856, 0.3584, 0.3476**, and if you desaturate by 10%, it is **85.8795, 0.3190, 0.3319**.

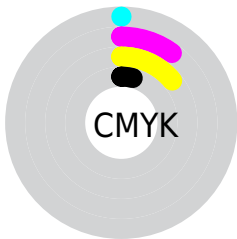
Distribution



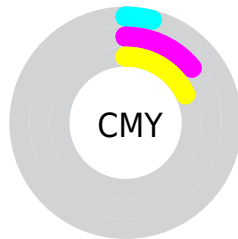
- Red (96%)
- Green (86%)
- Blue (82%)



- Red (96%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (4%)




- Cyan (4%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0726, 0.3370, 0.3395 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 75.0726, 0.3370, 0.3395 by changing the saturation by 10% instead.

 75.0726, 0.3370,
0.3395

 75.0726, 0.3370,
0.3395


478.1671, 0.3258,
0.3348

 55.6724, 0.3396,
0.3405


126.4151, 0.3331,
0.3379

 39.9403, 0.3427,
0.3418


159.1262, 0.3316,
0.3373

 27.4920, 0.3468,
0.3434


197.0430, 0.3303,
0.3367

 17.9431, 0.3520,
0.3455

240.5500, 0.3291,
0.3362

 10.9091, 0.3592,
0.3482

290.0315, 0.3281,
0.3358

 6.0058, 0.3696,
0.3519

345.8719, 0.3273,

 2.8486, 0.3858,

0.3354

408.4556, 0.3265,
0.3351

0.3574

1.0532, 0.4217,
0.3721

0.0000, 1.0000,
0.0000

75.0726, 0.3370,
0.3395

75.0726, 0.3370,
0.3395

65.3856, 0.3584,
0.3476

85.8795, 0.3190,
0.3319

56.7722, 0.3837,
0.3558

97.5845, 0.3059,
0.3284

49.1975, 0.4132,
0.3638

97.9633, 0.3059,
0.3290

42.6209, 0.4467,
0.3708

■ 36.9990, 0.4833,
0.3758

■ 32.2848, 0.5210,
0.3775

■ 28.4270, 0.5564,
0.3749

■ 25.3681, 0.5859,
0.3676

■ 23.8636, 0.6002,
0.3616

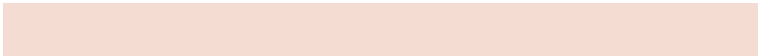
Harmonies

Analogous

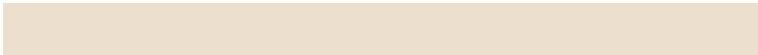
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0726, 0.3332, 0.3290



75.0726, 0.3370, 0.3395



75.0726, 0.3342, 0.3475

Triad

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



75.0726, 0.3370, 0.3395



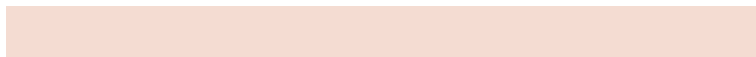
75.0726, 0.3016, 0.3395



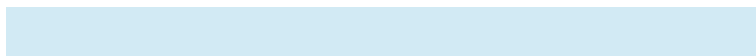
75.0726, 0.2998, 0.3081

Complementary

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



75.0726, 0.3370, 0.3395



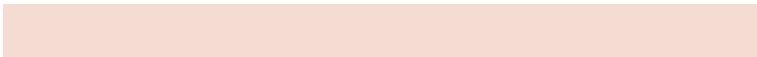
79.0303, 0.2912, 0.3183

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.



75.0726, 0.2916, 0.3105



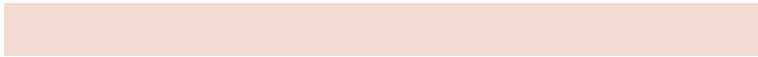
75.0726, 0.3370, 0.3395



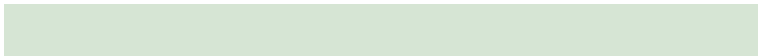
75.0726, 0.2926, 0.3285

Square

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



75.0726, 0.3370, 0.3395



75.0726, 0.3136, 0.3477



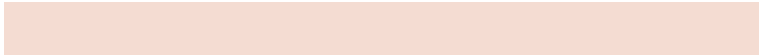
75.0726, 0.2890, 0.3178



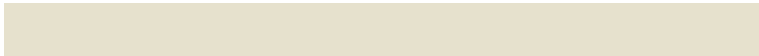
75.0726, 0.3115, 0.3112

Rectangle

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



75.0726, 0.3370, 0.3395



75.0726, 0.3289, 0.3502



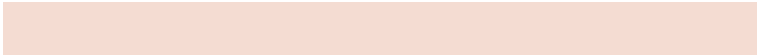
75.0726, 0.2890, 0.3178



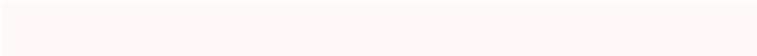
75.0726, 0.2965, 0.3083

Sweetspot

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



75.0759, 0.3370, 0.3395



94.8598, 0.3191, 0.3319



71.2759, 0.3210, 0.3041



20.1019, 0.3204, 0.3325



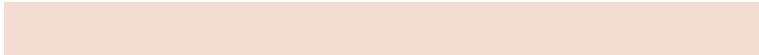
0.0000, 0.0000, 0.0000



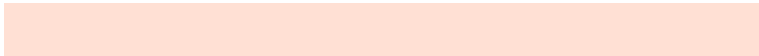
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0759, 0.3370, 0.3395



79.5506, 0.3433, 0.3420



84.2079, 0.3346, 0.3563



17.2800, 0.3286, 0.3361



13.1879, 0.5974, 0.3639



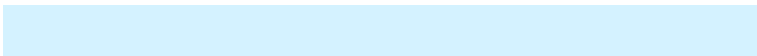
1.3301, 0.5730, 0.3833

Inverse Universe

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



79.0303, 0.2912, 0.3183



84.7871, 0.2863, 0.3156



70.0388, 0.2906, 0.3002



17.8829, 0.2980, 0.3218



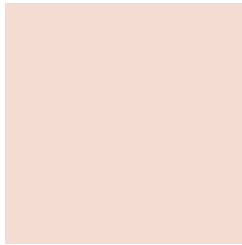
19.8312, 0.1972, 0.2297



1.9209, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 75.0726, 0.3370, 0.3395 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 75.0726, 0.3370, 0.3395 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

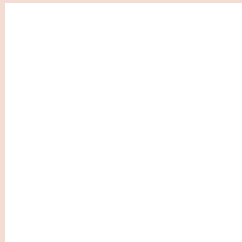
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0726, 0.3370, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 75.0726, 0.3370, 0.3395.

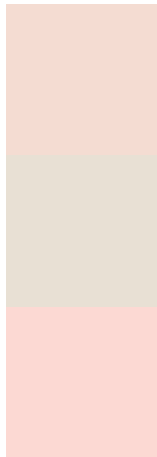


This preview shows how white text looks on a background with the Yxy color 75.0726, 0.3370, 0.3395.

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

75.0726, 0.3370, 0.3395

Protanopia

75.2206, 0.3264, 0.3418

Deuteranopia

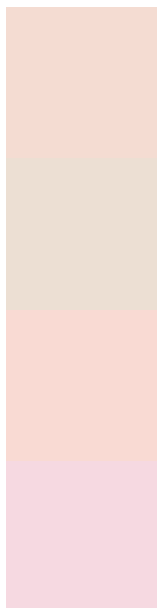
75.0243, 0.3428, 0.3352



Tritanopia

74.7691, 0.3237, 0.3118

Trichromacy



Original Color

75.0726, 0.3370, 0.3395

Protanomaly

75.3114, 0.3301, 0.3417

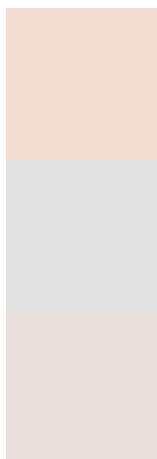
Deuteranomaly

74.9857, 0.3404, 0.3363

Tritanomaly

74.6548, 0.3284, 0.3208

Monochromacy



Original Color

75.0726, 0.3370, 0.3395

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.8023, 0.3217, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0726, 0.3370, 0.3395 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(244, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 210)  
}
```

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(244, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.0726, 0.3370, 0.3395 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(244, 220, 210) }
```

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

```
.border{ border-color:rgb(244, 220, 210) }
```

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

Here you see how a box with a 4 pixel rgb(244, 220, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0726, 0.3370, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 210) }
```

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

```
.background{ background-color: rgb(244,  
220, 210) }
```

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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