

Converting Colors

$Y_{xy}(75.4330, 0.3338, 0.3417)$

Have a look what the booklet for
Yxy(75.4330, 0.3338, 0.3417)
contains.

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Color

Yxy(75.4210, 0.3338, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	F0DED2
RGB	240, 222, 210
RGB Percent	94%, 87%, 82%
CMY	0.0587, 0.1294, 0.1763
CMYK	0.00, 0.08, 0.12, 0.06
HSL	24°, 50%, 88%
HSV	24°, 12%, 94%
XYZ	73.6989, 75.4210, 71.6676
YIQ	226.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

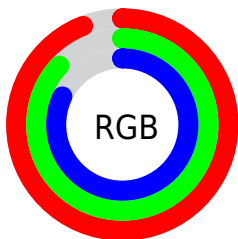
Format	Color
R _Y B	240, 230, 210
Decimal	15785682
CIE Lab	89.59, 4.22, 8.08
CIE LCh	90, 9.114, 62.405
Yxy	75.4210, 0.3338, 0.3416
Android (android.graphics.Color)	4293975762 (0xFFFF0DED2)
YUV	226.0140, -7.8949, 12.2657
Hunter-Lab	86.8453, -0.5001, 11.8636

Details

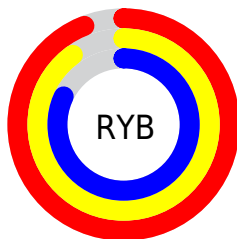
The Yxy color $75.4210, 0.3338, 0.3416$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.5224, 0.2933, 0.3161$, and the grayscale version is $76.1197, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.2281, 0.3385, 0.3440$ is the 20% darker color. If you saturate the color by 10%, you get $66.9757, 0.3538, 0.3523$, and if you desaturate by 10%, it is $84.7085, 0.3166, 0.3314$.

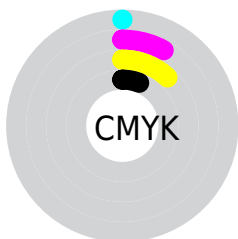
Distribution



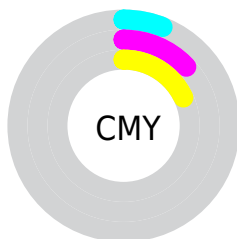
- Red (94%)
- Green (87%)
- Blue (82%)



- Red (94%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4210, 0.3338, 0.3416 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 75.4210, 0.3338, 0.3416 by changing the saturation by 10% instead.


 75.4210, 0.3338,
0.3416

 75.4210, 0.3338,
0.3416


479.3634, 0.3241,
0.3359

 55.9579, 0.3360,
0.3429


126.9081, 0.3304,
0.3396

 40.1691, 0.3388,
0.3445


159.7009, 0.3291,
0.3389

 27.6704, 0.3422,
0.3464


197.7057, 0.3280,
0.3382

 18.0774, 0.3468,
0.3490

241.3068, 0.3270,
0.3376

 11.0056, 0.3530,
0.3524

290.8888, 0.3261,
0.3371

 6.0706, 0.3619,
0.3572

346.8359, 0.3254,

 2.8880, 0.3758,

0.3366

0.3644

409.5327, 0.3247,
0.3362

■ 1.0736, 0.4069,
0.3825

■ 0.0000, 1.0000,
0.0000

■ 75.4210, 0.3338,
0.3416

■ 75.4210, 0.3338,
0.3416

■ 66.9757, 0.3538,
0.3523

■ 84.7085, 0.3166,
0.3314

■ 59.3384, 0.3770,
0.3633

■ 94.6541, 0.3036,
0.3249

■ 52.4867, 0.4034,
0.3741

■ 97.2698, 0.3036,
0.3290

■ 46.3936, 0.4329,
0.3840

■ 41.0304, 0.4647,
0.3918

■ 36.3661, 0.4973,
0.3962

■ 32.3670, 0.5286,
0.3960

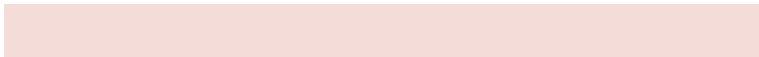
■ 28.9952, 0.5557,
0.3905

■ 26.8444, 0.5728,
0.3834

Harmonies

Analogous

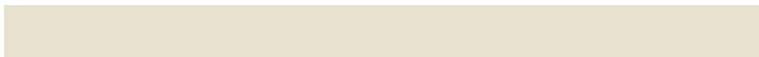
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4210, 0.3328, 0.3330



75.4210, 0.3338, 0.3416



75.4210, 0.3290, 0.3470

Triad

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



75.4210, 0.3338, 0.3416



75.4210, 0.2992, 0.3344



75.4210, 0.3053, 0.3111

Complementary

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



75.4210, 0.3338, 0.3416



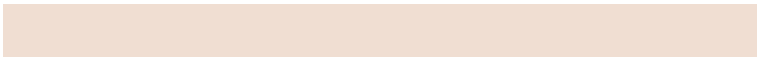
75.5224, 0.2933, 0.3161

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.



75.4210, 0.2965, 0.3112



75.4210, 0.3338, 0.3416



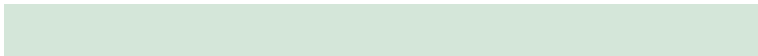
75.4210, 0.2930, 0.3245

Square

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



75.4210, 0.3338, 0.3416



75.4210, 0.3089, 0.3430



75.4210, 0.2921, 0.3160



75.4210, 0.3162, 0.3156

Rectangle

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



75.4210, 0.3338, 0.3416



75.4210, 0.3233, 0.3480



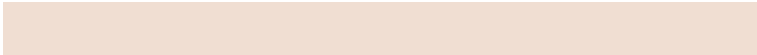
75.4210, 0.2921, 0.3160



75.4210, 0.3020, 0.3106

Sweetspot

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



75.4243, 0.3338, 0.3416



95.5099, 0.3190, 0.3329



70.2709, 0.3221, 0.3098



20.2661, 0.3203, 0.3337



0.0000, 0.0000, 0.0000



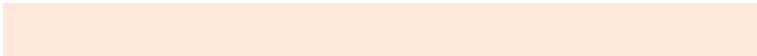
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4243, 0.3338, 0.3416



83.9720, 0.3386, 0.3443



83.4793, 0.3319, 0.3564



16.7933, 0.3283, 0.3385



14.9347, 0.5699, 0.3857



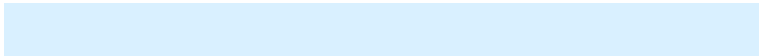
1.4318, 0.5458, 0.4048

Inverse Universe

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



75.5224, 0.2933, 0.3161



84.1044, 0.2893, 0.3132



67.8568, 0.2929, 0.3000



16.8097, 0.2980, 0.3194



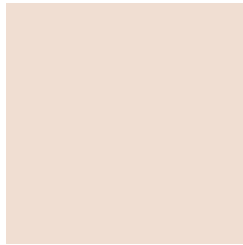
14.6785, 0.1869, 0.1928



1.4151, 0.1924, 0.2126

Previews

White Background



This preview shows how the Yxy color 75.4210, 0.3338, 0.3416 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 75.4210, 0.3338, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

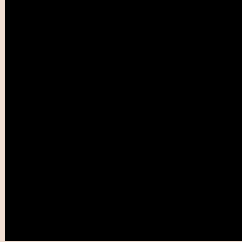
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

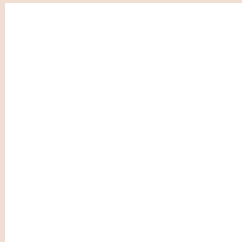
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4210, 0.3338, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 75.4210, 0.3338, 0.3416.

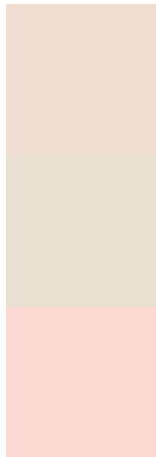


This preview shows how white text looks on a background with the Yxy color 75.4210, 0.3338, 0.3416.

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

75.4210, 0.3338, 0.3416

Protanopia

75.3381, 0.3278, 0.3429

Deuteranopia

75.0243, 0.3428, 0.3352



Tritanopia

75.1957, 0.3193, 0.3117

Trichromacy



Original Color

75.4210, 0.3338, 0.3416

Protanomaly

75.3114, 0.3301, 0.3417

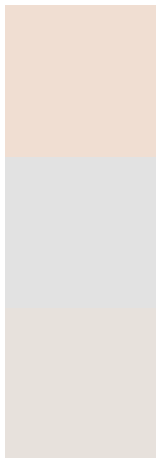
Deuteranomaly

75.3226, 0.3395, 0.3373

Tritanomaly

75.0313, 0.3246, 0.3218

Monochromacy



Original Color

75.4210, 0.3338, 0.3416

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0067, 0.3202, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4210, 0.3338, 0.3416 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(240, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 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(240, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.4210, 0.3338, 0.3416 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(240, 222, 210) }
```

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

```
.border{ border-color:rgb(240, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4210, 0.3338, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 210) }
```

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

```
.background{ background-color: rgb(240,  
222, 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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