

Converting Colors

$Yxy(83.0414, 0.3375, 0.3470)$

Have a look what the booklet for
Yxy(83.0414, 0.3375, 0.3470)
contains.

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Color

Yxy(83.0775, 0.3376, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FBE8D6
RGB	251, 232, 214
RGB Percent	98%, 91%, 84%
CMY	0.0157, 0.0902, 0.1606
CMYK	0.00, 0.08, 0.15, 0.02
HSL	29°, 82%, 91%
HSV	29°, 15%, 98%
XYZ	80.7804, 83.0775, 75.4206
YIQ	235.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

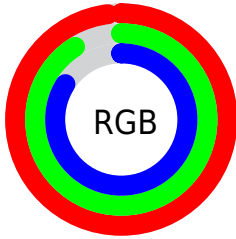
Format	Color
R _Y B	251, 249, 214
Decimal	16509142
CIE Lab	93.05, 3.58, 11.06
CIE LCh	93, 11.620, 72.059
Yxy	83.0775, 0.3376, 0.3472
Android (android.graphics.Color)	4294699222 (0xFFFFBE8D6)
YUV	235.6290, -10.6631, 13.4804
Hunter-Lab	91.1469, -1.3084, 14.7426

Details

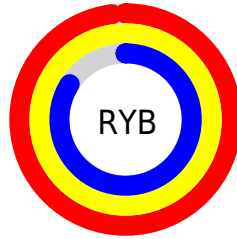
The Yxy color **83.0775, 0.3376, 0.3472** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.5617, 0.2896, 0.3101**, and the grayscale version is **83.6592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0232, 0.3434, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **74.8984, 0.3575, 0.3603**, and if you desaturate by 10%, it is **91.9946, 0.3202, 0.3347**.

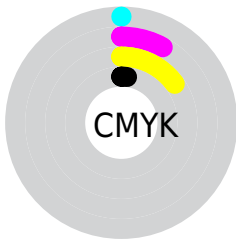
Distribution



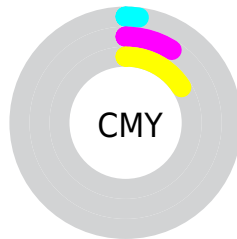
- Red (98%)
- Green (91%)
- Blue (84%)



- Red (98%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0775, 0.3376, 0.3472 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 83.0775, 0.3376, 0.3472 by changing the saturation by 10% instead.


 83.0775, 0.3376,
0.3472

 83.0775, 0.3376,
0.3472


505.2448, 0.3263,
0.3391

 62.2541, 0.3401,
0.3490


137.6840, 0.3337,
0.3444

 45.2380, 0.3432,
0.3512


172.2359, 0.3322,
0.3433

 31.6450, 0.3471,
0.3539


212.1327, 0.3309,
0.3424

 21.0905, 0.3521,
0.3574

257.7589, 0.3297,
0.3416

 13.1901, 0.3588,
0.3620

309.4988, 0.3287,
0.3408

 7.5596, 0.3682,
0.3684

367.7368, 0.3278,

 3.8145, 0.3823,

0.3402

0.3776

432.8573, 0.3270,
0.3396

■ 1.5703, 0.4066,
0.3931

■ 0.3375, 0.5474,
0.4526

■ 83.0775, 0.3376,
0.3472

■ 83.0775, 0.3376,
0.3472

■ 74.8984, 0.3575,
0.3603

■ 91.9946, 0.3202,
0.3347

■ 67.4258, 0.3801,
0.3736

■ 99.2486, 0.3102,
0.3290

■ 60.6420, 0.4051,
0.3865

■ 54.5241, 0.4323,
0.3981

■ 49.0479, 0.4607,
0.4073

■ 44.1871, 0.4889,
0.4127

■ 39.9125, 0.5151,
0.4131

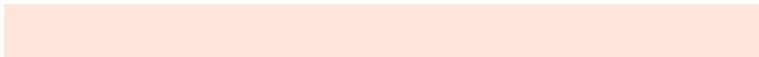
■ 36.1910, 0.5374,
0.4079

■ 34.4311, 0.5476,
0.4034

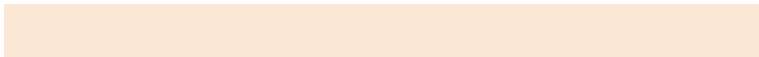
Harmonies

Analogous

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



83.0775, 0.3388, 0.3375



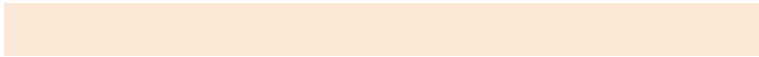
83.0775, 0.3376, 0.3472



83.0775, 0.3296, 0.3522

Triad

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



83.0775, 0.3376, 0.3472



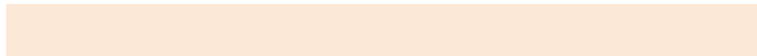
83.0775, 0.2930, 0.3317



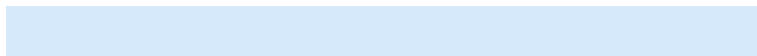
83.0775, 0.3078, 0.3082

Complementary

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



83.0775, 0.3376, 0.3472



79.5617, 0.2896, 0.3101

Split Complementary

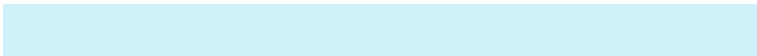
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0775, 0.2958, 0.3064



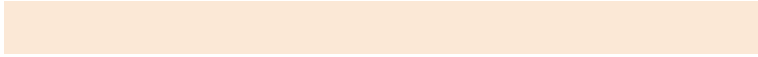
83.0775, 0.3376, 0.3472



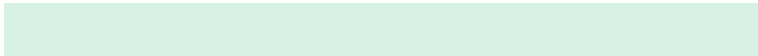
83.0775, 0.2874, 0.3196

Square

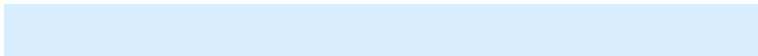
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0775, 0.3376, 0.3472



83.0775, 0.3038, 0.3433



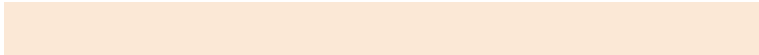
83.0775, 0.2884, 0.3104



83.0775, 0.3214, 0.3153

Rectangle

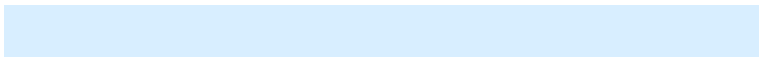
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0775, 0.3376, 0.3472



83.0775, 0.3217, 0.3521



83.0775, 0.2884, 0.3104



83.0775, 0.3034, 0.3070

Sweetspot

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



83.0812, 0.3376, 0.3472



96.0615, 0.3190, 0.3338



74.5118, 0.3267, 0.3098



20.4056, 0.3202, 0.3347



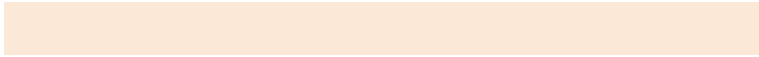
0.0000, 0.0000, 0.0000



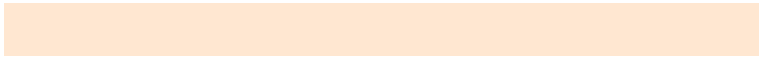
21.4041, 0.3127, 0.3290

Same Dimension

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



83.0812, 0.3376, 0.3472



83.2516, 0.3439, 0.3515



93.9736, 0.3349, 0.3650



18.6181, 0.3282, 0.3406



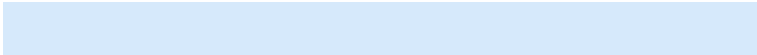
18.3882, 0.5450, 0.4055



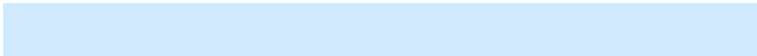
1.9144, 0.5260, 0.4205

Inverse Universe

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



79.5617, 0.2896, 0.3101



78.8907, 0.2843, 0.3054



69.6915, 0.2889, 0.2902



18.1182, 0.2980, 0.3172



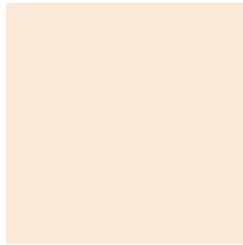
12.2048, 0.1784, 0.1622



1.3427, 0.1843, 0.1833

Previews

White Background



This preview shows how the Yxy color 83.0775, 0.3376, 0.3472 looks on a white background.

Color Contrast Check

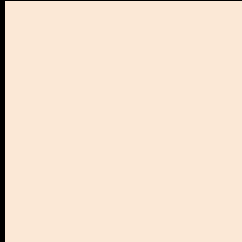
Large Text (above 18pt) WCAG AA × Fail

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 83.0775, 0.3376, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

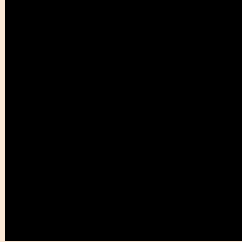
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.0775, 0.3376, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 83.0775, 0.3376, 0.3472.

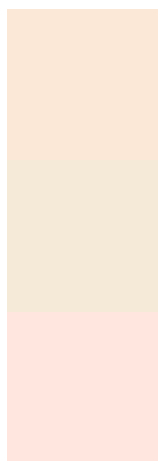


This preview shows how white text looks on a background with the Yxy color 83.0775, 0.3376, 0.3472.

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

83.0775, 0.3376, 0.3472

Protanopia

82.9850, 0.3317, 0.3485

Deuteranopia

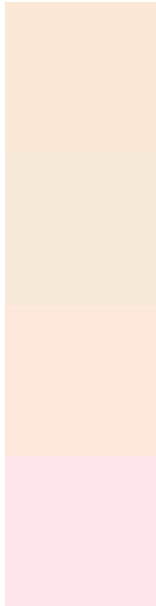
83.1276, 0.3354, 0.3370



Tritanopia

82.7907, 0.3204, 0.3114

Trichromacy



Original Color

83.0775, 0.3376, 0.3472

Protanomaly

82.9583, 0.3340, 0.3474

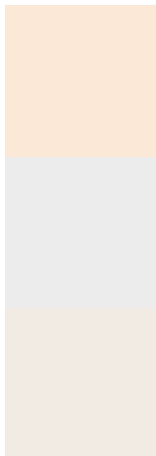
Deuteranomaly

83.3371, 0.3366, 0.3411

Tritanomaly

83.0500, 0.3268, 0.3241

Monochromacy



Original Color

83.0775, 0.3376, 0.3472

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.7189, 0.3212, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0775, 0.3376, 0.3472 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, 232, 214)` looks like.

```
.text, #text, p{  
    color:rgb(251, 232, 214)  
}
```

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, 232, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 232, 214) }
```

Border

The CSS property to change the border of an element to Yxy 83.0775, 0.3376, 0.3472 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, 232, 214) }
```

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

```
.border{ border-color:rgb(251, 232, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 232, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(251, 232,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0775, 0.3376, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 232, 214) }
```

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

```
.background{ background-color: rgb(251,  
232, 214) }
```

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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