

Converting Colors

$Yxy(78.5448, 0.3436, 0.3461)$

Have a look what the booklet for
Yxy(78.5448, 0.3436, 0.3461)
contains.

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Color

Yxy(78.3746, 0.3430, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	FBE0D0
RGB	251, 224, 208
RGB Percent	98%, 88%, 82%
CMY	0.0156, 0.1216, 0.1843
CMYK	0.00, 0.11, 0.17, 0.02
HSL	22°, 84%, 90%
HSV	22°, 17%, 98%
XYZ	77.8300, 78.3746, 70.7051
YIQ	230.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

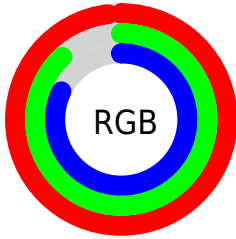
Format	Color
R _Y B	251, 233, 208
Decimal	16507088
CIE Lab	90.95, 6.78, 11.21
CIE LCh	91, 13.099, 58.810
Yxy	78.3746, 0.3430, 0.3454
Android (android.graphics.Color)	4294697168 (0xFFFBE0D0)
YUV	230.2490, -10.9688, 18.1986
Hunter-Lab	88.5294, 2.0005, 14.6180

Details

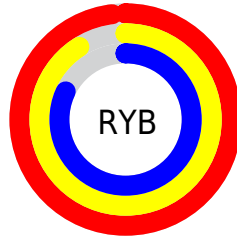
The Yxy color $78.3746, 0.3430, 0.3454$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.8105, 0.2860, 0.3120$, and the grayscale version is $79.3995, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.1784, 0.3495, 0.3488$ is the 20% darker color. If you saturate the color by 10%, you get $69.1516, 0.3648, 0.3556$, and if you desaturate by 10%, it is $88.5863, 0.3243, 0.3356$.

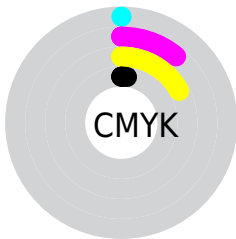
Distribution



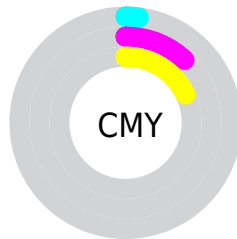
- Red (98%)
- Green (88%)
- Blue (82%)



- Red (98%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3746, 0.3430, 0.3454 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 78.3746, 0.3430, 0.3454 by changing the saturation by 10% instead.


 78.3746, 0.3430,
0.3454

 78.3746, 0.3430,
0.3454


489.4381, 0.3291,
0.3381

 58.3818, 0.3462,
0.3470

131.0781, 0.3382,
0.3429

 42.1156, 0.3500,
0.3490


164.5575, 0.3363,
0.3419

 29.1918, 0.3549,
0.3514


203.3012, 0.3347,
0.3411

 19.2260, 0.3613,
0.3545

247.6936, 0.3333,
0.3403

 11.8337, 0.3699,
0.3586

298.1191, 0.3320,
0.3397

 6.6305, 0.3822,
0.3642

354.9621, 0.3309,

 3.2321, 0.4009,

0.3391

0.3722

418.6069, 0.3300,
0.3385

■ 1.2541, 0.4411,
0.3914

■ 0.1052, 0.7162,
0.2838

■ 78.3746, 0.3430,
0.3454

■ 78.3746, 0.3430,
0.3454

■ 69.1516, 0.3648,
0.3556

■ 88.5863, 0.3243,
0.3356

■ 60.8763, 0.3901,
0.3659

■ 99.2527, 0.3103,
0.3290

■ 53.5202, 0.4188,
0.3757

■ 47.0491, 0.4507,
0.3841

■ 41.4267, 0.4844,
0.3898

■ 36.6135, 0.5181,
0.3916

■ 32.5660, 0.5490,
0.3884

■ 29.2345, 0.5743,
0.3800

■ 28.3983, 0.5807,
0.3771

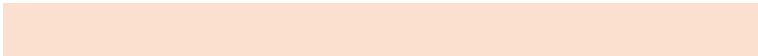
Harmonies

Analogous

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



78.3746, 0.3406, 0.3329



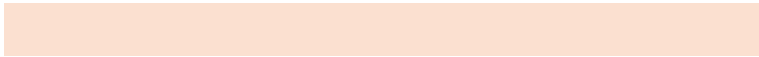
78.3746, 0.3430, 0.3454



78.3746, 0.3370, 0.3540

Triad

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



78.3746, 0.3430, 0.3454



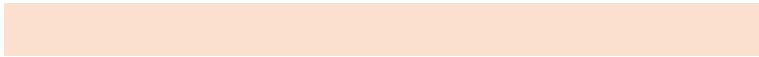
78.3746, 0.2949, 0.3383



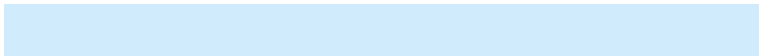
78.3746, 0.3005, 0.3035

Complementary

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



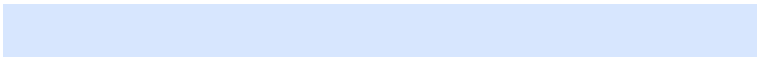
78.3746, 0.3430, 0.3454



79.8105, 0.2860, 0.3120

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.



78.3746, 0.2887, 0.3043



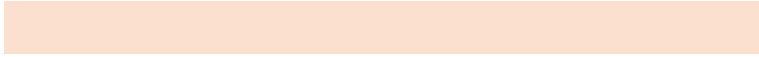
78.3746, 0.3430, 0.3454



78.3746, 0.2856, 0.3241

Square

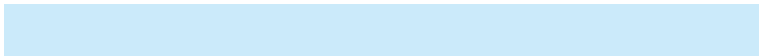
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3746, 0.3430, 0.3454



78.3746, 0.3091, 0.3502



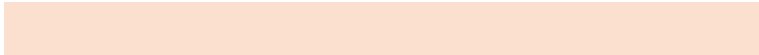
78.3746, 0.2833, 0.3116



78.3746, 0.3158, 0.3091

Rectangle

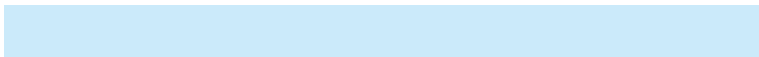
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3746, 0.3430, 0.3454



78.3746, 0.3292, 0.3561



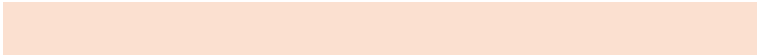
78.3746, 0.2833, 0.3116



78.3746, 0.2960, 0.3030

Sweetspot

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



78.3781, 0.3430, 0.3454



94.2014, 0.3207, 0.3336



71.6415, 0.3257, 0.3016



19.9931, 0.3219, 0.3343



0.0000, 0.0000, 0.0000



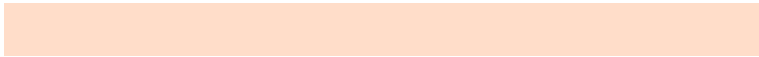
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3781, 0.3430, 0.3454



77.4008, 0.3511, 0.3493



90.5441, 0.3395, 0.3663



18.2822, 0.3285, 0.3379



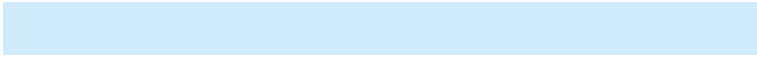
15.1802, 0.5777, 0.3795



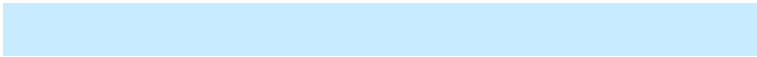
1.6015, 0.5553, 0.3973

Inverse Universe

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



79.8105, 0.2860, 0.3120



79.1689, 0.2798, 0.3077



68.3410, 0.2848, 0.2888



18.4604, 0.2980, 0.3200



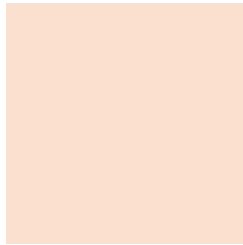
16.7468, 0.1895, 0.2022



1.7541, 0.1942, 0.2190

Previews

White Background



This preview shows how the Yxy color 78.3746, 0.3430, 0.3454 looks on a white background.

Color Contrast Check

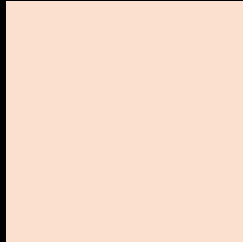
Large Text (above 18pt) WCAG AA × Fail

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 78.3746, 0.3430, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

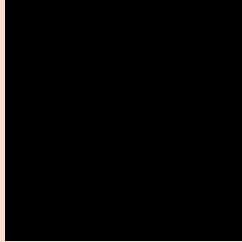
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

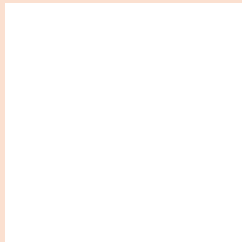
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3746, 0.3430, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 78.3746, 0.3430, 0.3454.

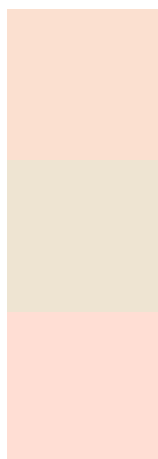


This preview shows how white text looks on a background with the Yxy color 78.3746, 0.3430, 0.3454.

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

78.3746, 0.3430, 0.3454

Protanopia

78.3171, 0.3316, 0.3479

Deuteranopia

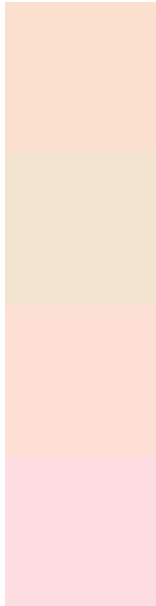
78.2560, 0.3435, 0.3392



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.3746, 0.3430, 0.3454

Protanomaly

78.5963, 0.3360, 0.3477

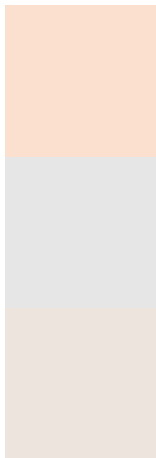
Deuteranomaly

78.5493, 0.3433, 0.3412

Tritanomaly

78.2747, 0.3331, 0.3241

Monochromacy



Original Color

78.3746, 0.3430, 0.3454

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9379, 0.3236, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3746, 0.3430, 0.3454 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, 224, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 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, 224, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 208) }
```

Border

The CSS property to change the border of an element to Yxy 78.3746, 0.3430, 0.3454 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, 224, 208) }
```

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

```
.border{ border-color:rgb(251, 224, 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, 224, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3746, 0.3430, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 208) }
```

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

```
.background{ background-color: rgb(251,  
224, 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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