

Converting Colors

$Yxy(78.0985, 0.3441, 0.3398)$

Have a look what the booklet for
Yxy(78.0985, 0.3441, 0.3398)
contains.

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Color

Yxy(78.2057, 0.3442, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED3
RGB	255, 222, 211
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1294, 0.1726
CMYK	0.00, 0.13, 0.17, 0.00
HSL	15°, 100%, 91%
HSV	15°, 17%, 100%
XYZ	79.1252, 78.2057, 72.5506
YIQ	230.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

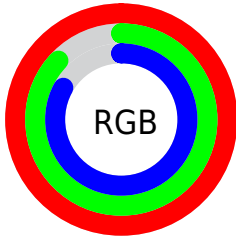
Format	Color
R _Y B	255, 226, 211
Decimal	16768723
CIE Lab	90.87, 9.70, 9.58
CIE LCh	91, 13.630, 44.654
Yxy	78.2057, 0.3442, 0.3402
Android (android.graphics.Color)	4294958803 (0xFFFFDED3)
YUV	230.6130, -9.6692, 21.3874
Hunter-Lab	88.4340, 4.9512, 13.2627

Details

The Yxy color **78.2057, 0.3442, 0.3402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7700, 0.2860, 0.3175**, and the grayscale version is **79.6668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0775, 0.3511, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **67.4357, 0.3675, 0.3472**, and if you desaturate by 10%, it is **90.3288, 0.3247, 0.3336**.

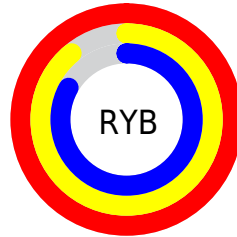
Distribution



Red (100%)

Green (87%)

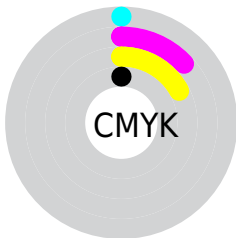
Blue (83%)



Red (100%)

Yellow (89%)

Blue (83%)

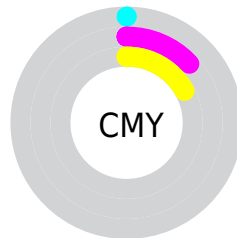


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2057, 0.3442, 0.3402 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 78.2057, 0.3442, 0.3402 by changing the saturation by 10% instead.

 78.2057, 0.3442,
0.3402

 78.2057, 0.3442,
0.3402

488.8651, 0.3297,
0.3353

 58.2430, 0.3475,
0.3413


130.8401, 0.3392,
0.3385

 42.0040, 0.3515,
0.3426


164.2805, 0.3372,
0.3379

 29.1044, 0.3567,
0.3441


202.9822, 0.3356,
0.3373

 19.1598, 0.3633,
0.3461

247.3297, 0.3341,
0.3368

 11.7858, 0.3723,
0.3487

297.7074, 0.3328,
0.3364

 6.5980, 0.3852,
0.3521

354.4996, 0.3317,

 3.2120, 0.4051,

0.3360

0.3568

418.0907, 0.3306,
0.3356

■ 1.2434, 0.4439,
0.3669

■ 0.0967, 0.7726,
0.2274

■ 78.2057, 0.3442,
0.3402

■ 78.2057, 0.3442,
0.3402

■ 67.4357, 0.3675,
0.3472

■ 90.3288, 0.3247,
0.3336

■ 57.9742, 0.3951,
0.3542

100.0000, 0.3127,
0.3290

■ 49.7693, 0.4274,
0.3607

■ 42.7671, 0.4639,
0.3660

■ 36.9092, 0.5033,
0.3691

■ 32.1323, 0.5427,
0.3688

■ 28.3663, 0.5779,
0.3642

■ 25.5310, 0.6047,
0.3557

■ 24.8983, 0.6108,
0.3532

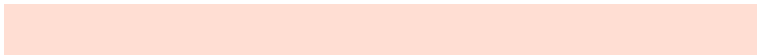
Harmonies

Analogous

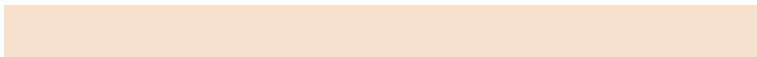
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2057, 0.3377, 0.3264



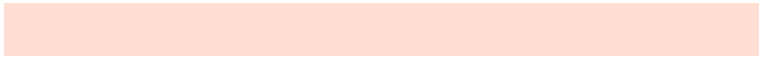
78.2057, 0.3442, 0.3402



78.2057, 0.3420, 0.3515

Triad

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



78.2057, 0.3442, 0.3402



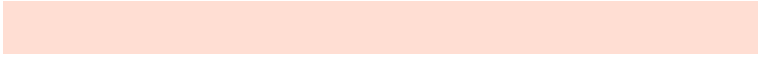
78.2057, 0.3007, 0.3451



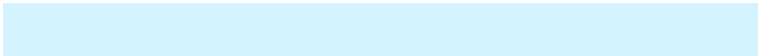
78.2057, 0.2935, 0.3020

Complementary

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



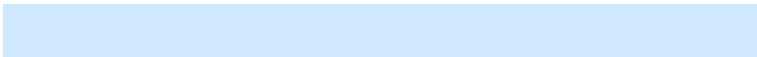
78.2057, 0.3442, 0.3402



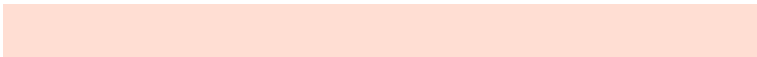
85.7700, 0.2860, 0.3175

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.



78.2057, 0.2841, 0.3061



78.2057, 0.3442, 0.3402



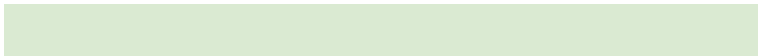
78.2057, 0.2882, 0.3309

Square

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



78.2057, 0.3442, 0.3402



78.2057, 0.3167, 0.3548



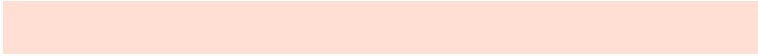
78.2057, 0.2822, 0.3165



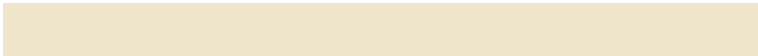
78.2057, 0.3081, 0.3048

Rectangle

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



78.2057, 0.3442, 0.3402



78.2057, 0.3359, 0.3560



78.2057, 0.2822, 0.3165



78.2057, 0.2896, 0.3026

Sweetspot

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



78.2046, 0.3442, 0.3402



93.2556, 0.3208, 0.3321



74.4239, 0.3218, 0.2957



19.7637, 0.3220, 0.3326



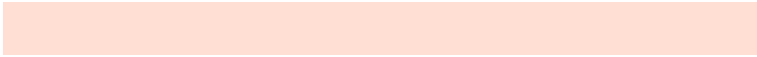
0.0000, 0.0000, 0.0000



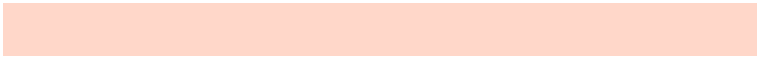
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2046, 0.3442, 0.3402



74.0161, 0.3524, 0.3428



90.2237, 0.3406, 0.3610



18.7247, 0.3288, 0.3350



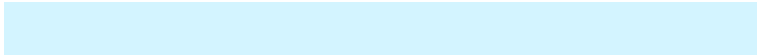
13.2072, 0.6081, 0.3554



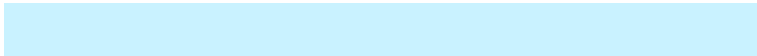
1.4503, 0.5864, 0.3726

Inverse Universe

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



85.7700, 0.2860, 0.3175



82.9742, 0.2803, 0.3148



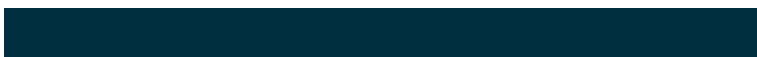
73.7009, 0.2849, 0.2948



19.6671, 0.2980, 0.3229



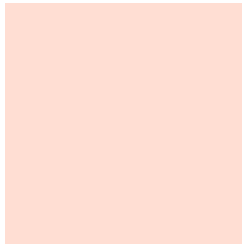
23.5498, 0.2016, 0.2457



2.4660, 0.2046, 0.2564

Previews

White Background



This preview shows how the Yxy color 78.2057, 0.3442, 0.3402 looks on a white background.

Color Contrast Check

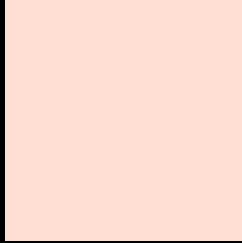
Large Text (above 18pt) WCAG AA × Fail

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 78.2057, 0.3442, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

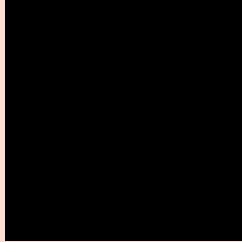
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

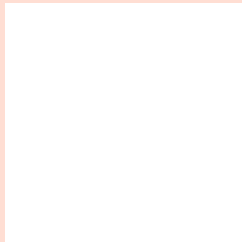
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2057, 0.3442, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 78.2057, 0.3442, 0.3402.

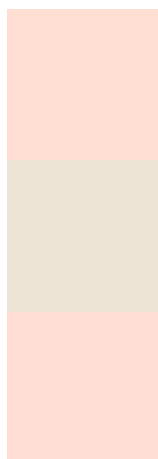


This preview shows how white text looks on a background with the Yxy color 78.2057, 0.3442, 0.3402.

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

78.2057, 0.3442, 0.3402

Protanopia

78.3464, 0.3282, 0.3437

Deuteranopia

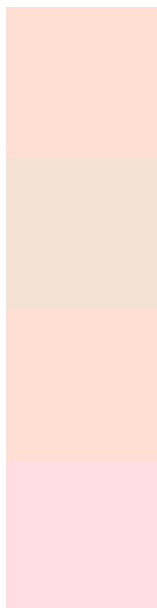
78.3066, 0.3428, 0.3382



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.2057, 0.3442, 0.3402

Protanomaly

78.4299, 0.3341, 0.3425

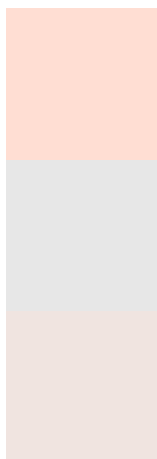
Deuteranomaly

78.2560, 0.3435, 0.3392

Tritanomaly

78.4639, 0.3338, 0.3241

Monochromacy



Original Color

78.2057, 0.3442, 0.3402

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3939, 0.3237, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2057, 0.3442, 0.3402 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(255, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 211)  
}
```

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(255, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 211) }
```

Border

The CSS property to change the border of an element to Yxy 78.2057, 0.3442, 0.3402 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(255, 222, 211) }
```

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

```
.border{ border-color:rgb(255, 222, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2057, 0.3442, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 211) }
```

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

```
.background{ background-color: rgb(255,  
222, 211) }
```

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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