

Converting Colors

$Y_{xy}(100.0000, 0.4123, 0.3407)$

Have a look what the booklet for
Yxy(100.0000, 0.4123, 0.3407)
contains.

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Color

Yxy(78.0566, 0.3463, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED0
RGB	255, 222, 208
RGB Percent	100%, 87%, 82%
CMY	0.0001, 0.1294, 0.1844
CMYK	0.00, 0.13, 0.18, 0.00
HSL	18°, 100%, 91%
HSV	18°, 18%, 100%
XYZ	78.7387, 78.0566, 70.5761
YIQ	230.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

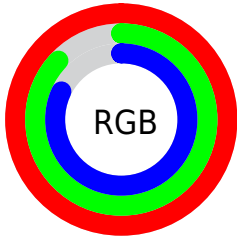
Format	Color
R _Y B	255, 228, 208
Decimal	16768720
CIE Lab	90.81, 9.22, 11.06
CIE LCh	91, 14.401, 50.183
Yxy	78.0566, 0.3463, 0.3433
Android (android.graphics.Color)	4294958800 (0xFFFFDED0)
YUV	230.2710, -10.9796, 21.6873
Hunter-Lab	88.3496, 4.4704, 14.4823

Details

The Yxy color **78.0566, 0.3463, 0.3433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5030, 0.2841, 0.3142**, and the grayscale version is **79.4110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9763, 0.3539, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **67.9022, 0.3695, 0.3516**, and if you desaturate by 10%, it is **89.4274, 0.3268, 0.3353**.

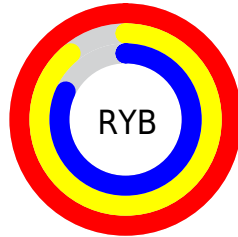
Distribution



Red (100%)

Green (87%)

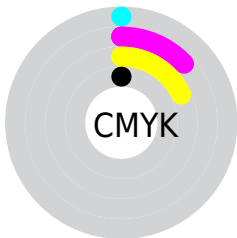
Blue (82%)



Red (100%)

Yellow (89%)

Blue (82%)

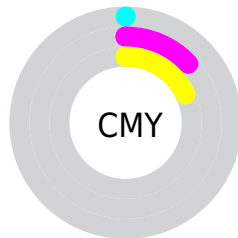


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0566, 0.3463, 0.3433 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 78.0566, 0.3463, 0.3433 by changing the saturation by 10% instead.


 78.0566, 0.3463,
0.3433

 78.0566, 0.3463,
0.3433

488.3590, 0.3308,
0.3370

 58.1205, 0.3498,
0.3447


130.6299, 0.3410,
0.3412

 41.9055, 0.3541,
0.3463

164.0359, 0.3389,
0.3403

 29.0273, 0.3596,
0.3484


202.7006, 0.3371,
0.3396

 19.1015, 0.3667,
0.3510

247.0084, 0.3355,
0.3389

 11.7436, 0.3763,
0.3544

297.3438, 0.3341,
0.3384

 6.5694, 0.3900,
0.3589

354.0911, 0.3329,

 3.1943, 0.4111,

0.3378

0.3651

417.6347, 0.3318,
0.3374

■ 1.2340, 0.4558,
0.3809

■ 0.0892, 0.7765,
0.2235

■ 78.0566, 0.3463,
0.3433

■ 78.0566, 0.3463,
0.3433

■ 67.9022, 0.3695,
0.3516

■ 89.4274, 0.3268,
0.3353

■ 58.9128, 0.3967,
0.3599

99.9964, 0.3127,
0.3290

■ 51.0487, 0.4280,
0.3677

■ 44.2636, 0.4631,
0.3740

■ 38.5083, 0.5005,
0.3777

■ 33.7288, 0.5375,
0.3775

■ 29.8660, 0.5705,
0.3727

■ 26.8498, 0.5963,
0.3635

■ 26.4457, 0.5998,
0.3619

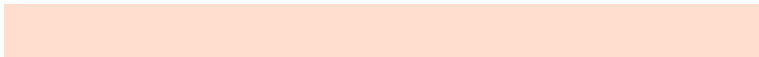
Harmonies

Analogous

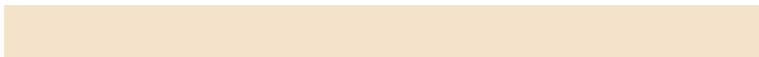
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0566, 0.3410, 0.3290



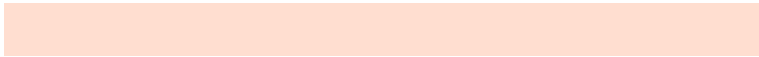
78.0566, 0.3463, 0.3433



78.0566, 0.3423, 0.3544

Triad

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



78.0566, 0.3463, 0.3433



78.0566, 0.2972, 0.3435



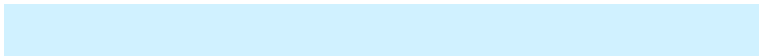
78.0566, 0.2949, 0.3005

Complementary

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



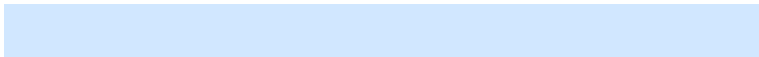
78.0566, 0.3463, 0.3433



83.5030, 0.2841, 0.3142

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.



78.0566, 0.2838, 0.3034



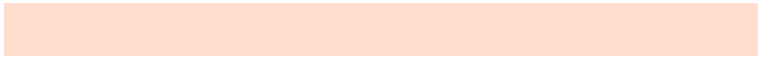
78.0566, 0.3463, 0.3433



78.0566, 0.2851, 0.3280

Square

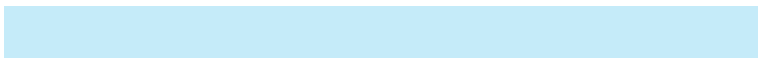
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0566, 0.3463, 0.3433



78.0566, 0.3137, 0.3550



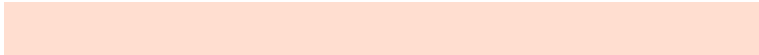
78.0566, 0.2803, 0.3133



78.0566, 0.3110, 0.3047

Rectangle

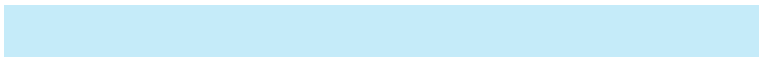
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0566, 0.3463, 0.3433



78.0566, 0.3349, 0.3583



78.0566, 0.2803, 0.3133



78.0566, 0.2905, 0.3006

Sweetspot

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



78.0601, 0.3463, 0.3433



92.3970, 0.3225, 0.3335



72.7483, 0.3241, 0.2956



19.6055, 0.3236, 0.3340



0.0000, 0.0000, 0.0000



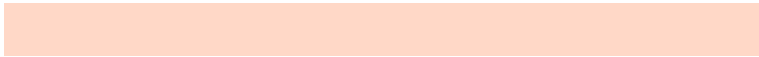
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0601, 0.3463, 0.3433



74.3134, 0.3541, 0.3462



90.9914, 0.3423, 0.3655



18.8712, 0.3287, 0.3362



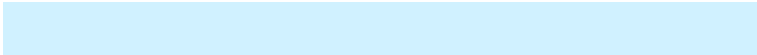
14.0465, 0.5969, 0.3643



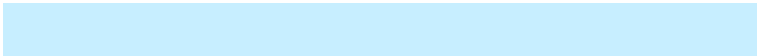
1.5487, 0.5748, 0.3818

Inverse Universe

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



83.5030, 0.2841, 0.3142



80.6410, 0.2786, 0.3111



70.8526, 0.2827, 0.2896



19.5116, 0.2980, 0.3217



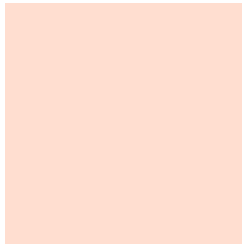
20.8600, 0.1968, 0.2284



2.2222, 0.2003, 0.2412

Previews

White Background



This preview shows how the Yxy color 78.0566, 0.3463, 0.3433 looks on a white background.

Color Contrast Check

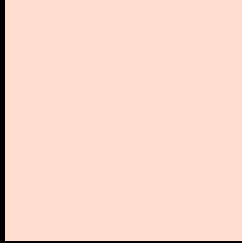
Large Text (above 18pt) WCAG AA × Fail

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 78.0566, 0.3463, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

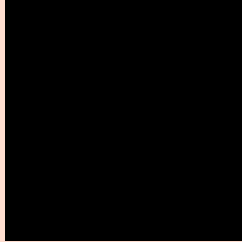
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0566, 0.3463, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 78.0566, 0.3463, 0.3433.

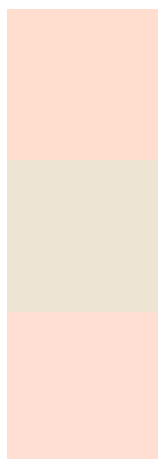


This preview shows how white text looks on a background with the Yxy color 78.0566, 0.3463, 0.3433.

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

78.0566, 0.3463, 0.3433

Protanopia

78.1945, 0.3302, 0.3469

Deuteranopia

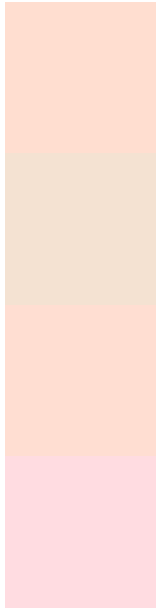
78.2057, 0.3442, 0.3402



Tritanopia

77.8635, 0.3285, 0.3141

Trichromacy



Original Color

78.0566, 0.3463, 0.3433

Protanomaly

78.2790, 0.3362, 0.3456

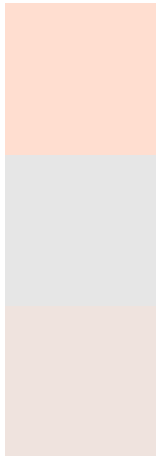
Deuteranomaly

78.1557, 0.3449, 0.3412

Tritanomaly

77.8826, 0.3346, 0.3241

Monochromacy



Original Color

78.0566, 0.3463, 0.3433

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.5628, 0.3244, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0566, 0.3463, 0.3433 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 208) }
```

Border

The CSS property to change the border of an element to Yxy 78.0566, 0.3463, 0.3433 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, 208) }
```

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

```
.border{ border-color:rgb(255, 222, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0566, 0.3463, 0.3433 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, 208) }
```

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

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