

Converting Colors

$Yxy(77.3046, 0.3476, 0.3413)$

Have a look what the booklet for
Yxy(77.3046, 0.3476, 0.3413)
contains.

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Color

Yxy(77.0005, 0.3467, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD0
RGB	255, 220, 208
RGB Percent	100%, 86%, 82%
CMY	0.0000, 0.1372, 0.1845
CMYK	0.00, 0.14, 0.18, 0.00
HSL	15°, 100%, 91%
HSV	15°, 18%, 100%
XYZ	78.2188, 77.0005, 70.3901
YIQ	229.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

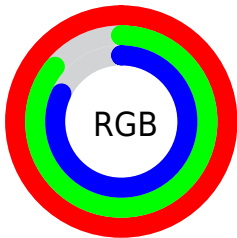
Format	Color
R _Y B	255, 224, 208
Decimal	16768208
CIE Lab	90.32, 10.27, 10.38
CIE LCh	90, 14.603, 45.299
Yxy	77.0005, 0.3467, 0.3413
Android (android.graphics.Color)	4294958288 (0xFFFFDCD0)
YUV	229.0970, -10.4008, 22.7169
Hunter-Lab	87.7499, 5.5495, 13.8644

Details

The Yxy color **77.0005, 0.3467, 0.3413** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7016, 0.2842, 0.3164**, and the grayscale version is **78.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2491, 0.3545, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **66.4448, 0.3704, 0.3485**, and if you desaturate by 10%, it is **88.8891, 0.3269, 0.3344**.

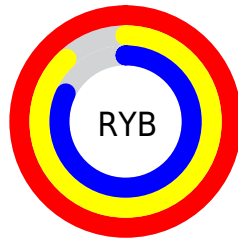
Distribution



Red (100%)

Green (86%)

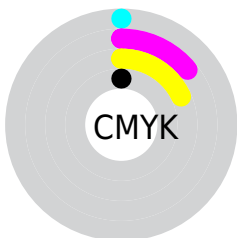
Blue (82%)



Red (100%)

Yellow (88%)

Blue (82%)

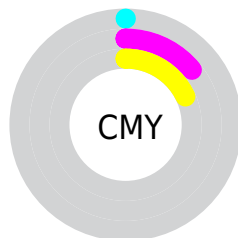


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0005, 0.3467, 0.3413 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 77.0005, 0.3467, 0.3413 by changing the saturation by 10% instead.

 77.0005, 0.3467,
0.3413

 77.0005, 0.3467,
0.3413


484.7657, 0.3310,
0.3359

 57.2533, 0.3503,
0.3425


129.1402, 0.3413,
0.3395

 41.2086, 0.3547,
0.3439


162.3014, 0.3392,
0.3387

 28.4821, 0.3603,
0.3456


200.7028, 0.3373,
0.3381

 18.6894, 0.3675,
0.3478

244.7288, 0.3357,
0.3376

 11.4461, 0.3774,
0.3506

294.7636, 0.3343,
0.3371

 6.3677, 0.3915,
0.3544

351.1918, 0.3331,

 3.0699, 0.4134,

0.3366

0.3594

414.3977, 0.3320,
0.3362

■ 1.1684, 0.4606,
0.3736

■ 0.0356, 0.8887,
0.1113

■ 77.0005, 0.3467,
0.3413

■ 77.0005, 0.3467,
0.3413

■ 66.4448, 0.3704,
0.3485

■ 88.8891, 0.3269,
0.3344

■ 57.1734, 0.3985,
0.3556

100.0000, 0.3127,
0.3290

■ 49.1366, 0.4311,
0.3622

■ 42.2811, 0.4678,
0.3675

■ 36.5494, 0.5071,
0.3703

■ 31.8786, 0.5460,
0.3696

■ 28.1994, 0.5803,
0.3645

■ 25.4302, 0.6061,
0.3556

■ 25.0724, 0.6095,
0.3542

Harmonies

Analogous

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



77.0005, 0.3399, 0.3265



77.0005, 0.3467, 0.3413



77.0005, 0.3441, 0.3534

Triad

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



77.0005, 0.3467, 0.3413



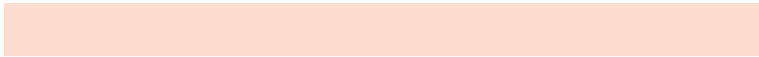
77.0005, 0.2995, 0.3461



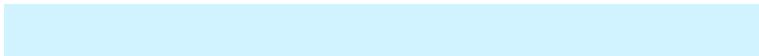
77.0005, 0.2923, 0.2999

Complementary

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



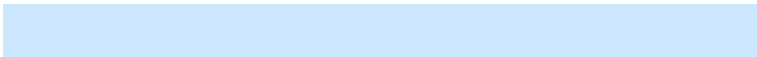
77.0005, 0.3467, 0.3413



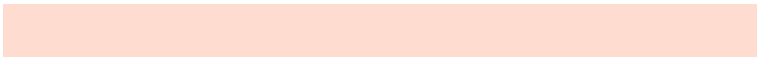
84.7016, 0.2842, 0.3164

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.



77.0005, 0.2821, 0.3041



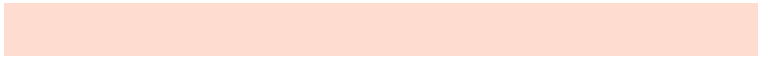
77.0005, 0.3467, 0.3413



77.0005, 0.2862, 0.3306

Square

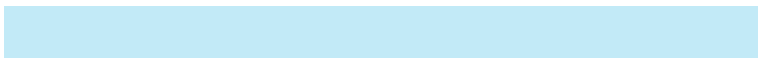
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0005, 0.3467, 0.3413



77.0005, 0.3165, 0.3567



77.0005, 0.2799, 0.3152



77.0005, 0.3081, 0.3031

Rectangle

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



77.0005, 0.3467, 0.3413



77.0005, 0.3374, 0.3582



77.0005, 0.2799, 0.3152



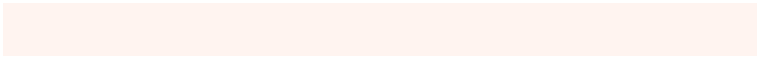
77.0005, 0.2881, 0.3005

Sweetspot

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



77.0010, 0.3467, 0.3413



92.0043, 0.3225, 0.3328



72.8398, 0.3230, 0.2941



19.5129, 0.3237, 0.3333



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.



77.0010, 0.3467, 0.3413



73.0986, 0.3546, 0.3438



90.0578, 0.3426, 0.3641



18.7427, 0.3288, 0.3352



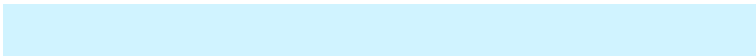
13.3018, 0.6068, 0.3564



1.4617, 0.5850, 0.3737

Inverse Universe

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



84.7016, 0.2842, 0.3164



82.0457, 0.2788, 0.3137



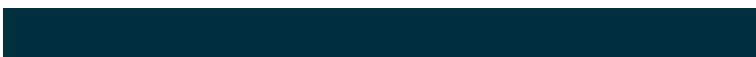
71.6657, 0.2828, 0.2913



19.6479, 0.2980, 0.3228



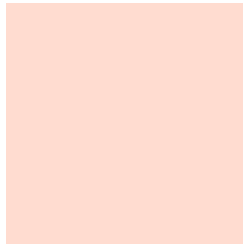
23.2059, 0.2010, 0.2436



2.4350, 0.2040, 0.2545

Previews

White Background



This preview shows how the Yxy color 77.0005, 0.3467, 0.3413 looks on a white background.

Color Contrast Check

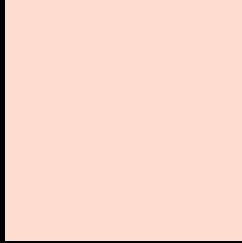
Large Text (above 18pt) WCAG AA × Fail

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 77.0005, 0.3467, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

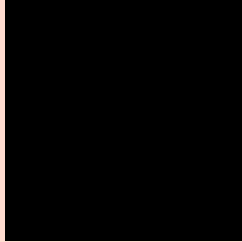
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

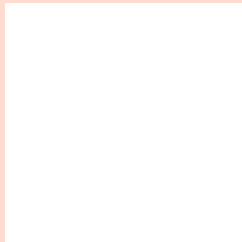
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0005, 0.3467, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 77.0005, 0.3467, 0.3413.

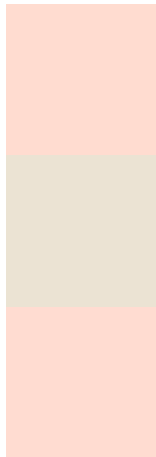


This preview shows how white text looks on a background with the Yxy color 77.0005, 0.3467, 0.3413.

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

77.0005, 0.3467, 0.3413

Protanopia

77.3035, 0.3289, 0.3459

Deuteranopia

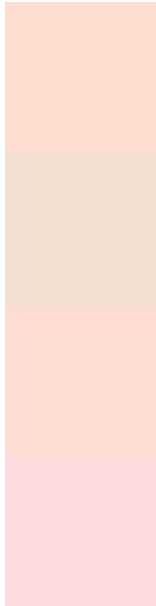
77.0498, 0.3459, 0.3402



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.0005, 0.3467, 0.3413

Protanomaly

76.8417, 0.3350, 0.3436

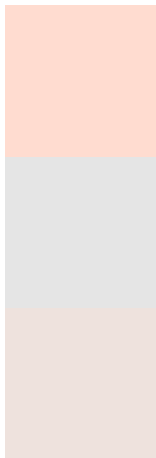
Deuteranomaly

77.0498, 0.3459, 0.3402

Tritanomaly

77.2507, 0.3362, 0.3251

Monochromacy



Original Color

77.0005, 0.3467, 0.3413

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7903, 0.3244, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0005, 0.3467, 0.3413 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, 220, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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, 220, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 208) }
```

Border

The CSS property to change the border of an element to Yxy 77.0005, 0.3467, 0.3413 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, 220, 208) }
```

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

```
.border{ border-color:rgb(255, 220, 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, 220, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0005, 0.3467, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 208) }
```

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

```
.background{ background-color: rgb(255,  
220, 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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