

Converting Colors

$Y_{xy}(107.4604, 0.4427, 0.3482)$

Have a look what the booklet for
Yxy(107.4604, 0.4427, 0.3482)
contains.

Yxy(76.3414, 0.3567, 0.3557)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.3414, 0.3567, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC2
RGB	255, 220, 194
RGB Percent	100%, 86%, 76%
CMY	0.0002, 0.1372, 0.2393
CMYK	0.00, 0.14, 0.24, 0.00
HSL	26°, 100%, 88%
HSV	26°, 24%, 100%
XYZ	76.5560, 76.3414, 61.7256
YIQ	227.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

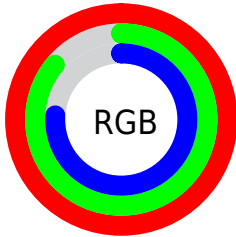
Format	Color
R _Y B	255, 239, 194
Decimal	16768194
CIE Lab	90.02, 8.24, 17.26
CIE LCh	90, 19.129, 64.487
Yxy	76.3414, 0.3567, 0.3557
Android (android.graphics.Color)	4294958274 (0xFFFFDCC2)
YUV	227.5010, -16.5160, 24.1166
Hunter-Lab	87.3736, 3.4965, 19.2757

Details

The Yxy color **76.3414, 0.3567, 0.3557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6709, 0.2749, 0.3007**, and the grayscale version is **77.3045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.8095, 0.3677, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **67.9605, 0.3800, 0.3675**, and if you desaturate by 10%, it is **85.5956, 0.3364, 0.3441**.

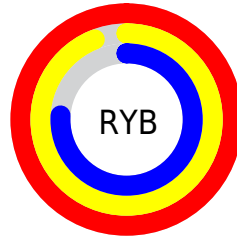
Distribution



Red (100%)

Green (86%)

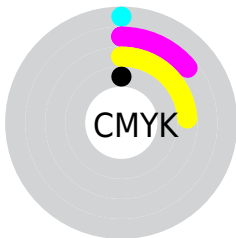
Blue (76%)



Red (100%)

Yellow (94%)

Blue (76%)

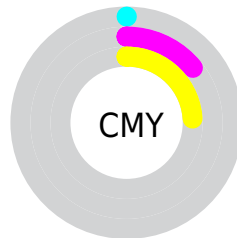


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3414, 0.3567, 0.3557 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 76.3414, 0.3567, 0.3557 by changing the saturation by 10% instead.

 76.3414, 0.3567,
0.3557

 76.3414, 0.3567,
0.3557

482.5156, 0.3364,
0.3438

 56.7125, 0.3613,
0.3583


 128.2094, 0.3497,
0.3516

 40.7745, 0.3670,
0.3615


161.2172, 0.3469,
0.3500

 28.1429, 0.3742,
0.3654


199.4536, 0.3446,
0.3487

 18.4334, 0.3835,
0.3703

243.3027, 0.3425,
0.3474

 11.2616, 0.3960,
0.3768

293.1491, 0.3407,
0.3464

 6.2431, 0.4138,
0.3853

349.3771, 0.3391,

 2.9934, 0.4405,

0.3454

0.3969

412.3711, 0.3377,
0.3445

■ 1.1283, 0.5403,
0.4595

■ 0.0020, 0.9905,
0.0095

■ 76.3414, 0.3567,
0.3557

■ 76.3414, 0.3567,
0.3557

■ 67.9605, 0.3800,
0.3675

■ 85.5956, 0.3364,
0.3441

■ 60.4153, 0.4063,
0.3790

■ 95.7383, 0.3189,
0.3331

■ 53.6807, 0.4353,
0.3893

99.9913, 0.3127,
0.3290

■ 47.7261, 0.4663,
0.3973

■ 42.5185, 0.4975,
0.4017

■ 38.0218, 0.5269,
0.4013

■ 34.1952, 0.5521,
0.3952

■ 32.1688, 0.5652,
0.3895

Harmonies

Analogous

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



76.3414, 0.3556, 0.3380



76.3414, 0.3567, 0.3557



76.3414, 0.3456, 0.3672

Triad

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



76.3414, 0.3567, 0.3557



76.3414, 0.2833, 0.3387



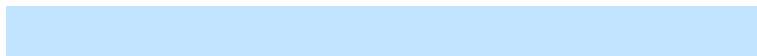
76.3414, 0.2986, 0.2928

Complementary

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



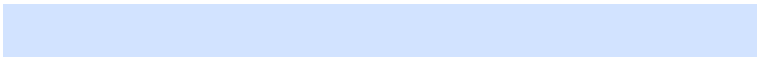
76.3414, 0.3567, 0.3557



74.6709, 0.2749, 0.3007

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.



76.3414, 0.2801, 0.2919



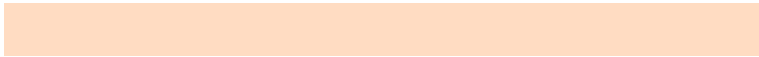
76.3414, 0.3567, 0.3557



76.3414, 0.2716, 0.3175

Square

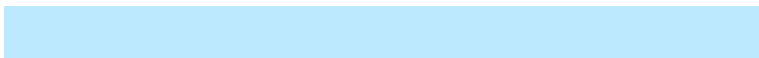
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3414, 0.3567, 0.3557



76.3414, 0.3030, 0.3578



76.3414, 0.2705, 0.3005



76.3414, 0.3214, 0.3026

Rectangle

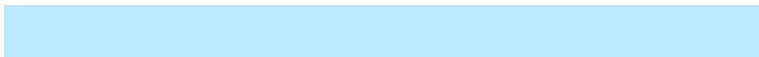
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3414, 0.3567, 0.3557



76.3414, 0.3330, 0.3692



76.3414, 0.2705, 0.3005



76.3414, 0.2917, 0.2914

Sweetspot

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



76.3449, 0.3567, 0.3557



92.5519, 0.3240, 0.3364



65.5130, 0.3344, 0.2932



19.6769, 0.3250, 0.3371



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.



76.3449, 0.3567, 0.3557



72.0052, 0.3682, 0.3617



93.4376, 0.3501, 0.3843



19.2628, 0.3284, 0.3392



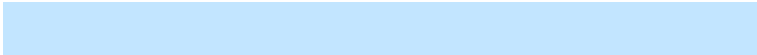
17.0975, 0.5623, 0.3917



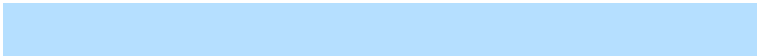
1.8762, 0.5422, 0.4077

Inverse Universe

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



74.6709, 0.2749, 0.3007



70.0452, 0.2668, 0.2938



59.5578, 0.2721, 0.2669



19.1055, 0.2979, 0.3186



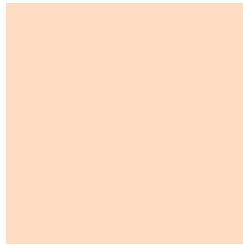
14.8287, 0.1840, 0.1824



1.6607, 0.1891, 0.2006

Previews

White Background



This preview shows how the Yxy color 76.3414, 0.3567, 0.3557 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 76.3414, 0.3567, 0.3557 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 76.3414, 0.3567, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 76.3414, 0.3567, 0.3557.



This preview shows how white text looks on a background with the Yxy color 76.3414, 0.3567, 0.3557.

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

76.3414, 0.3567, 0.3557

Protanopia

76.4285, 0.3399, 0.3598

Deuteranopia

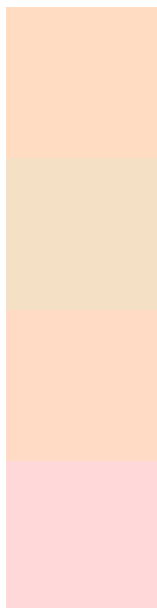
76.0932, 0.3526, 0.3485



Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

76.3414, 0.3567, 0.3557

Protanomaly

76.5299, 0.3462, 0.3584

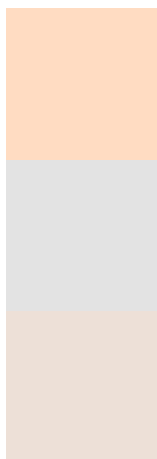
Deuteranomaly

76.0003, 0.3541, 0.3505

Tritanomaly

75.9477, 0.3400, 0.3281

Monochromacy



Original Color

76.3414, 0.3567, 0.3557

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2221, 0.3279, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3414, 0.3567, 0.3557 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 194) }
```

Border

The CSS property to change the border of an element to Yxy 76.3414, 0.3567, 0.3557 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, 194) }
```

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

```
.border{ border-color:rgb(255, 220, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3414, 0.3567, 0.3557 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
220, 194) }
```

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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