

Converting Colors

$Y_{xy}(100.3738, 0.4310, 0.3557)$

Have a look what the booklet for
Yxy(100.3738, 0.4310, 0.3557)
contains.

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Color

Yxy(77.0904, 0.3613, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEBB
RGB	255, 222, 187
RGB Percent	100%, 87%, 73%
CMY	0.0000, 0.1294, 0.2668
CMYK	0.00, 0.13, 0.27, 0.00
HSL	31°, 100%, 87%
HSV	31°, 27%, 100%
XYZ	76.3298, 77.0904, 57.8442
YIQ	227.8770, 30.9030, -3.8890

Conversions

Conversions Part 2

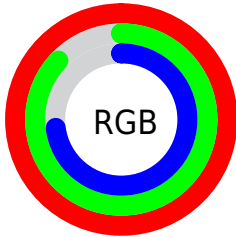
Format	Color
R _Y B	251, 255, 187
Decimal	16768699
CIE Lab	90.36, 6.29, 21.40
CIE LCh	90, 22.309, 73.622
Yxy	77.0904, 0.3613, 0.3649
Android (android.graphics.Color)	4294958779 (0xFFFFDEBB)
YUV	227.8770, -20.1524, 23.7869
Hunter-Lab	87.8011, 1.5268, 22.4000

Details

The Yxy color **77.0904, 0.3613, 0.3649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.9385, 0.2698, 0.2902**, and the grayscale version is **77.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **41.3644, 0.3726, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **69.7658, 0.3839, 0.3789**, and if you desaturate by 10%, it is **85.0934, 0.3411, 0.3510**.

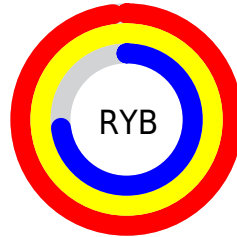
Distribution



Red (100%)

Green (87%)

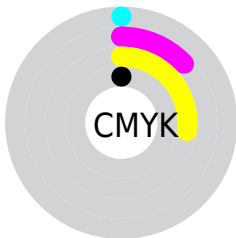
Blue (73%)



Red (98%)

Yellow (100%)

Blue (73%)

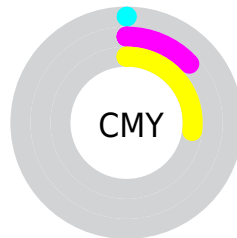


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0904, 0.3613, 0.3649 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 77.0904, 0.3613, 0.3649 by changing the saturation by 10% instead.


 77.0904, 0.3613,
0.3649

 77.0904, 0.3613,
0.3649


485.0722, 0.3390,
0.3488

 57.3271, 0.3663,
0.3684


 129.2671, 0.3536,
0.3594

 41.2679, 0.3725,
0.3727


162.4492, 0.3506,
0.3573

 28.5285, 0.3803,
0.3780


200.8731, 0.3480,
0.3554

 18.7244, 0.3903,
0.3847

244.9231, 0.3457,
0.3537

 11.4713, 0.4036,
0.3933

294.9836, 0.3437,
0.3523

 6.3848, 0.4222,
0.4048

351.4390, 0.3420,

 3.0804, 0.4493,

0.3510

0.4201

414.6738, 0.3404,
0.3498

1.1739, 0.5277,
0.4723

0.0402, 0.8267,
0.1733

77.0904, 0.3613,
0.3649

77.0904, 0.3613,
0.3649

69.7658, 0.3839,
0.3789

85.0934, 0.3411,
0.3510

63.0949, 0.4087,
0.3924

93.7900, 0.3234,
0.3375

57.0572, 0.4351,
0.4043

100.0000, 0.3127,
0.3290

51.6294, 0.4624,
0.4135

■ 46.7860, 0.4889,
0.4186

■ 42.4985, 0.5129,
0.4185

■ 38.7338, 0.5330,
0.4128

■ 37.5883, 0.5391,
0.4102

Harmonies

Analogous

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



77.0904, 0.3647, 0.3458



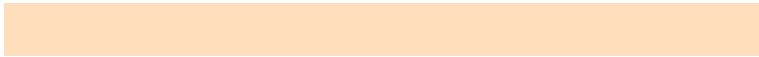
77.0904, 0.3613, 0.3649



77.0904, 0.3446, 0.3753

Triad

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



77.0904, 0.3613, 0.3649



77.0904, 0.2733, 0.3326



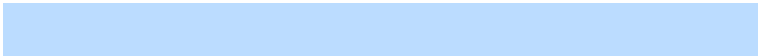
77.0904, 0.3040, 0.2897

Complementary

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



77.0904, 0.3613, 0.3649



68.9385, 0.2698, 0.2902

Split Complementary

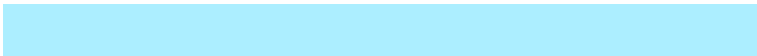
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0904, 0.2805, 0.2852



77.0904, 0.3613, 0.3649



77.0904, 0.2634, 0.3086

Square

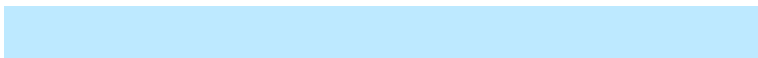
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0904, 0.3613, 0.3649



77.0904, 0.2937, 0.3566



77.0904, 0.2660, 0.2917



77.0904, 0.3308, 0.3035

Rectangle

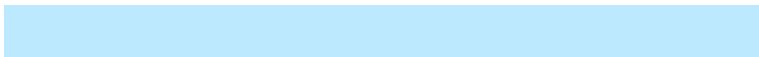
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0904, 0.3613, 0.3649



77.0904, 0.3285, 0.3751



77.0904, 0.2660, 0.2917



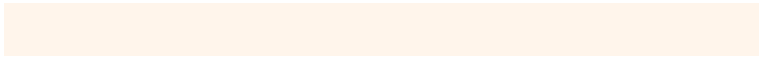
77.0904, 0.2955, 0.2870

Sweetspot

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



77.0918, 0.3613, 0.3649



92.6055, 0.3256, 0.3393



62.0007, 0.3421, 0.2944



19.5347, 0.3281, 0.3413



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.



77.0918, 0.3613, 0.3649



73.1148, 0.3730, 0.3724



96.3659, 0.3532, 0.3959



19.5347, 0.3281, 0.3413



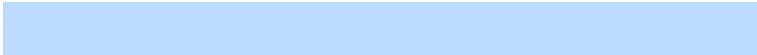
19.9412, 0.5366, 0.4121



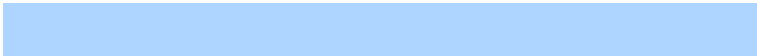
2.1604, 0.5196, 0.4256

Inverse Universe

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



68.9385, 0.2698, 0.2902



63.7214, 0.2610, 0.2811



53.3005, 0.2661, 0.2520



18.8316, 0.2979, 0.3164



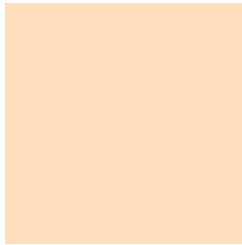
11.5546, 0.1757, 0.1524



1.3427, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 77.0904, 0.3613, 0.3649 looks on a white background.

Color Contrast Check

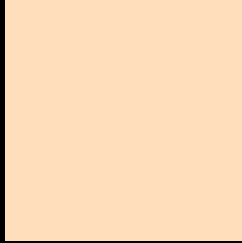
Large Text (above 18pt) WCAG AA × Fail

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 77.0904, 0.3613, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

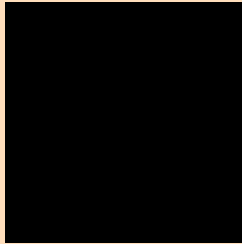
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0904, 0.3613, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 77.0904, 0.3613, 0.3649.



This preview shows how white text looks on a background with the Yxy color 77.0904, 0.3613, 0.3649.

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

77.0904, 0.3613, 0.3649

Protanopia

77.1376, 0.3474, 0.3692

Deuteranopia

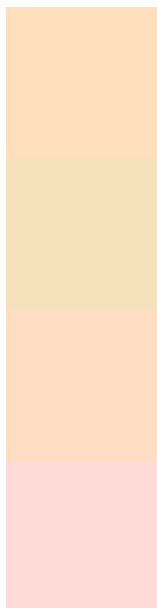
77.0964, 0.3529, 0.3515



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.0904, 0.3613, 0.3649

Protanomaly

76.8937, 0.3523, 0.3678

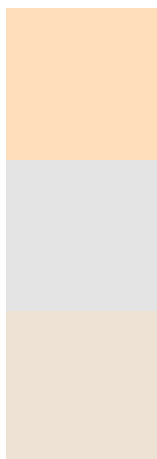
Deuteranomaly

76.9130, 0.3558, 0.3556

Tritanomaly

76.8809, 0.3411, 0.3321

Monochromacy



Original Color

77.0904, 0.3613, 0.3649

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3740, 0.3298, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0904, 0.3613, 0.3649 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 187) }
```

Border

The CSS property to change the border of an element to Yxy 77.0904, 0.3613, 0.3649 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, 187) }
```

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

```
.border{ border-color:rgb(255, 222, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0904, 0.3613, 0.3649 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
222, 187) }
```

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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