

Converting Colors

$Y_{xy}(77.4836, 0.3589, 0.3621)$

Have a look what the booklet for
Yxy(77.4836, 0.3589, 0.3621)
contains.

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Color

Yxy(77.2203, 0.3591, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEBE
RGB	255, 222, 190
RGB Percent	100%, 87%, 75%
CMY	0.0001, 0.1293, 0.2550
CMYK	0.00, 0.13, 0.25, 0.00
HSL	30°, 100%, 87%
HSV	30°, 25%, 100%
XYZ	76.6440, 77.2203, 59.5693
YIQ	228.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

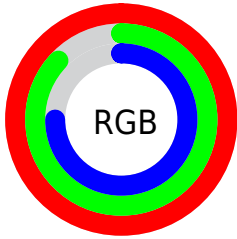
Format	Color
R _Y B	255, 253, 190
Decimal	16768702
CIE Lab	90.42, 6.67, 19.91
CIE LCh	90, 21.000, 71.481
Yxy	77.2203, 0.3591, 0.3618
Android (android.graphics.Color)	4294958782 (0xFFFFDEBE)
YUV	228.2190, -18.8420, 23.4869
Hunter-Lab	87.8751, 1.9051, 21.3207

Details

The Yxy color **77.2203, 0.3591, 0.3618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.8982, 0.2720, 0.2938**, and the grayscale version is **77.8746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **41.4493, 0.3698, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **69.5988, 0.3818, 0.3753**, and if you desaturate by 10%, it is **85.5703, 0.3390, 0.3485**.

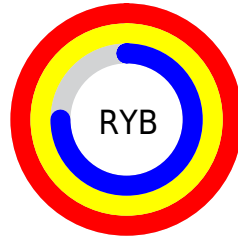
Distribution



Red (100%)

Green (87%)

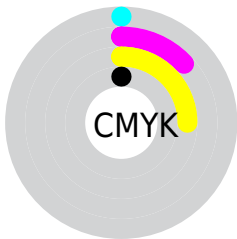
Blue (75%)



Red (100%)

Yellow (99%)

Blue (75%)

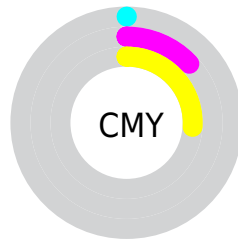


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2203, 0.3591, 0.3618 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 77.2203, 0.3591, 0.3618 by changing the saturation by 10% instead.


 77.2203, 0.3591,
0.3618

 77.2203, 0.3591,
0.3618


485.5148, 0.3378,
0.3471

 57.4337, 0.3639,
0.3650

 129.4504, 0.3517,
0.3568

 41.3535, 0.3698,
0.3689

162.6627, 0.3489,
0.3548

 28.5954, 0.3773,
0.3738


201.1190, 0.3464,
0.3531

 18.7750, 0.3869,
0.3799

245.2038, 0.3442,
0.3516

 11.5078, 0.3998,
0.3878

295.3013, 0.3423,
0.3503

 6.4095, 0.4178,
0.3984

351.7961, 0.3406,

 3.0956, 0.4443,

0.3491

0.4126

415.0725, 0.3391,
0.3481

■ 1.1819, 0.5300,
0.4700

■ 0.0468, 0.8158,
0.1842

■ 77.2203, 0.3591,
0.3618

■ 77.2203, 0.3591,
0.3618

■ 69.5988, 0.3818,
0.3753

■ 85.5703, 0.3390,
0.3485

■ 62.6733, 0.4069,
0.3883

■ 94.6590, 0.3214,
0.3357

■ 56.4242, 0.4339,
0.4000

99.9933, 0.3127,
0.3290

■ 50.8266, 0.4621,
0.4090

■ 45.8534, 0.4899,
0.4142

■ 41.4750, 0.5155,
0.4143

■ 37.6568, 0.5371,
0.4087

■ 36.1002, 0.5457,
0.4049

Harmonies

Analogous

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



77.2203, 0.3613, 0.3435



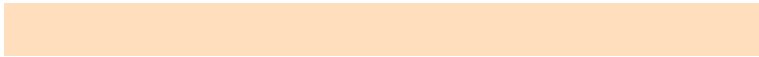
77.2203, 0.3591, 0.3618



77.2203, 0.3442, 0.3722

Triad

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



77.2203, 0.3591, 0.3618



77.2203, 0.2767, 0.3341



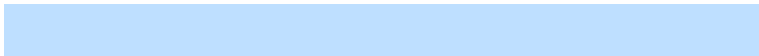
77.2203, 0.3028, 0.2913

Complementary

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



77.2203, 0.3591, 0.3618



70.8982, 0.2720, 0.2938

Split Complementary

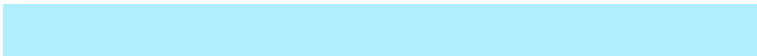
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2203, 0.2811, 0.2878



77.2203, 0.3591, 0.3618



77.2203, 0.2665, 0.3114

Square

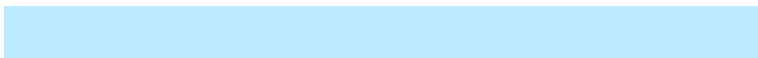
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2203, 0.3591, 0.3618



77.2203, 0.2965, 0.3563



77.2203, 0.2681, 0.2947



77.2203, 0.3280, 0.3038

Rectangle

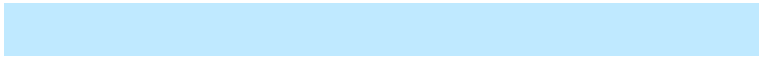
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2203, 0.3591, 0.3618



77.2203, 0.3293, 0.3726



77.2203, 0.2681, 0.2947



77.2203, 0.2949, 0.2890

Sweetspot

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



77.2238, 0.3591, 0.3618



92.3331, 0.3256, 0.3388



63.4302, 0.3396, 0.2949



19.4661, 0.3282, 0.3407



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.



77.2238, 0.3591, 0.3618



72.9551, 0.3713, 0.3693



95.7786, 0.3516, 0.3919



19.4661, 0.3282, 0.3407



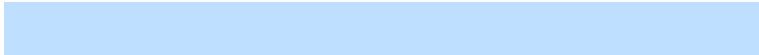
19.1665, 0.5431, 0.4070



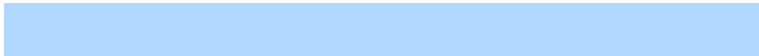
2.0843, 0.5252, 0.4211

Inverse Universe

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



70.8982, 0.2720, 0.2938



65.5690, 0.2629, 0.2849



55.4526, 0.2686, 0.2572



18.9000, 0.2979, 0.3170



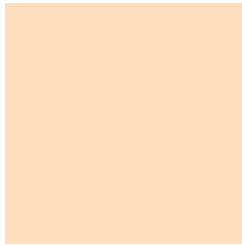
12.3140, 0.1777, 0.1597



1.4176, 0.1834, 0.1801

Previews

White Background



This preview shows how the Yxy color 77.2203, 0.3591, 0.3618 looks on a white background.

Color Contrast Check

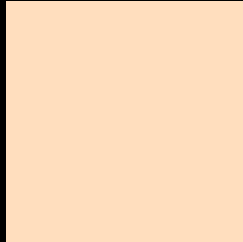
Large Text (above 18pt) WCAG AA × Fail

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 77.2203, 0.3591, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

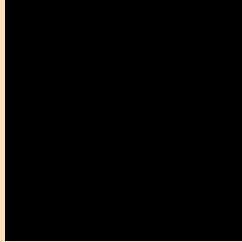
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2203, 0.3591, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 77.2203, 0.3591, 0.3618.



This preview shows how white text looks on a background with the Yxy color 77.2203, 0.3591, 0.3618.

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

77.2203, 0.3591, 0.3618

Protanopia

77.3137, 0.3447, 0.3649

Deuteranopia

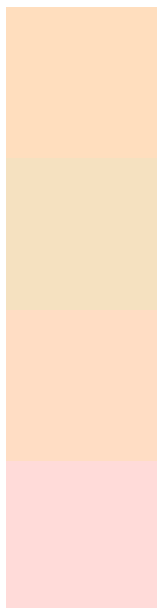
77.1430, 0.3522, 0.3505



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.2203, 0.3591, 0.3618

Protanomaly

77.0687, 0.3495, 0.3635

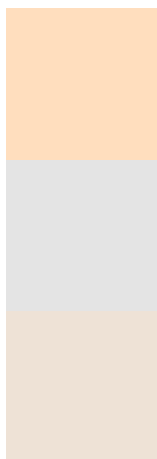
Deuteranomaly

76.9584, 0.3551, 0.3546

Tritanomaly

76.9328, 0.3404, 0.3311

Monochromacy



Original Color

77.2203, 0.3591, 0.3618

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4249, 0.3291, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2203, 0.3591, 0.3618 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 190) }
```

Border

The CSS property to change the border of an element to Yxy 77.2203, 0.3591, 0.3618 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, 190) }
```

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

```
.border{ border-color:rgb(255, 222, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2203, 0.3591, 0.3618 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
222, 190) }
```

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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