

Converting Colors

$Y_{xy}(75.0268, 0.3520, 0.3588)$

Have a look what the booklet for
Yxy(75.0268, 0.3520, 0.3588)
contains.

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Color

Yxy(74.7663, 0.3521, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCC0
RGB	247, 220, 192
RGB Percent	97%, 86%, 75%
CMY	0.0313, 0.1373, 0.2470
CMYK	0.00, 0.11, 0.22, 0.03
HSL	31°, 78%, 86%
HSV	31°, 22%, 97%
XYZ	73.4725, 74.7663, 60.4307
YIQ	224.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

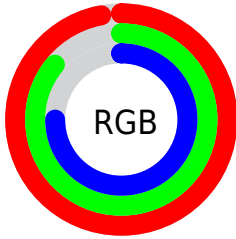
Format	Color
R _Y B	245, 247, 192
Decimal	16243904
CIE Lab	89.28, 5.07, 17.16
CIE LCh	89, 17.897, 73.537
Yxy	74.7663, 0.3521, 0.3583
Android (android.graphics.Color)	4294433984 (0xFFF7DCC0)
YUV	224.8810, -16.2103, 19.3984
Hunter-Lab	86.4675, 0.3556, 19.0905

Details

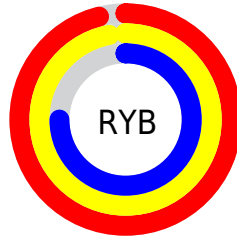
The Yxy color **74.7663, 0.3521, 0.3583** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6061, 0.2773, 0.2978**, and the grayscale version is **75.3144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **39.6924, 0.3617, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **67.6243, 0.3737, 0.3722**, and if you desaturate by 10%, it is **82.5613, 0.3330, 0.3447**.

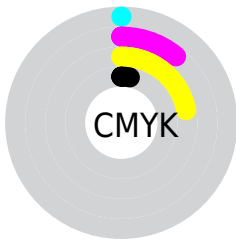
Distribution



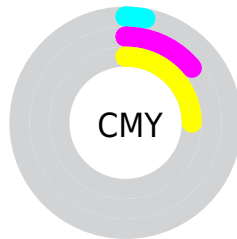
- Red (97%)
- Green (86%)
- Blue (75%)



- Red (96%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7663, 0.3521, 0.3583 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 74.7663, 0.3521, 0.3583 by changing the saturation by 10% instead.

 74.7663, 0.3521,
0.3583

 74.7663, 0.3521,
0.3583


477.1139, 0.3339,
0.3450

 55.4215, 0.3562,
0.3613


 125.9815, 0.3458,
0.3537

 39.7393, 0.3614,
0.3649


158.6206, 0.3433,
0.3520

 27.3353, 0.3678,
0.3694


196.4600, 0.3412,
0.3504

 17.8252, 0.3762,
0.3751

239.8840, 0.3394,
0.3491

 10.8246, 0.3875,
0.3828

289.2770, 0.3378,
0.3479

 5.9490, 0.4036,
0.3932

345.0234, 0.3363,

 2.8141, 0.4278,

0.3468

0.4079

407.5075, 0.3350,
0.3459

1.0355, 0.5214,
0.4786

0.0000, 1.0000,
0.0000

74.7663, 0.3521,
0.3583

74.7663, 0.3521,
0.3583

67.6243, 0.3737,
0.3722

82.5613, 0.3330,
0.3447

61.1062, 0.3976,
0.3858

91.0172, 0.3162,
0.3318

55.1954, 0.4236,
0.3984

98.5190, 0.3078,
0.3290

49.8705, 0.4508,
0.4088

■ 45.1084, 0.4781,
0.4157

■ 40.8836, 0.5038,
0.4179

■ 37.1674, 0.5261,
0.4147

■ 34.6164, 0.5408,
0.4088

Harmonies

Analogous

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



74.7663, 0.3547, 0.3429



74.7663, 0.3521, 0.3583



74.7663, 0.3387, 0.3664

Triad

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



74.7663, 0.3521, 0.3583



74.7663, 0.2807, 0.3321



74.7663, 0.3057, 0.2968

Complementary

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



74.7663, 0.3521, 0.3583



68.6061, 0.2773, 0.2978

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.



74.7663, 0.2865, 0.2933



74.7663, 0.3521, 0.3583



74.7663, 0.2725, 0.3128

Square

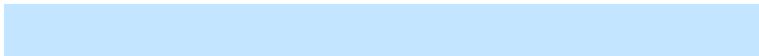
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7663, 0.3521, 0.3583



74.7663, 0.2974, 0.3513



74.7663, 0.2746, 0.2988



74.7663, 0.3274, 0.3082

Rectangle

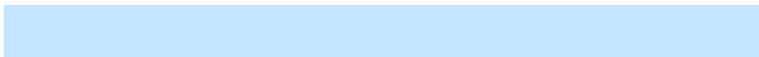
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7663, 0.3521, 0.3583



74.7663, 0.3257, 0.3661



74.7663, 0.2746, 0.2988



74.7663, 0.2988, 0.2946

Sweetspot

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



74.7697, 0.3521, 0.3583



93.4353, 0.3239, 0.3378



62.6227, 0.3361, 0.3004



19.8814, 0.3249, 0.3386



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.



74.7697, 0.3521, 0.3583



76.6175, 0.3621, 0.3649



90.1227, 0.3464, 0.3847



17.8763, 0.3281, 0.3411



18.5884, 0.5382, 0.4108



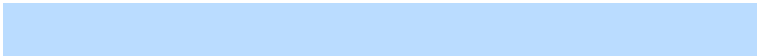
1.8395, 0.5193, 0.4259

Inverse Universe

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



68.6061, 0.2773, 0.2978



68.8506, 0.2694, 0.2901



55.6263, 0.2749, 0.2665



17.2711, 0.2980, 0.3166



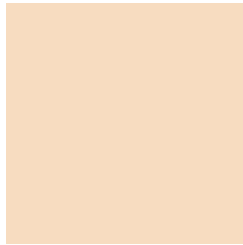
11.1108, 0.1763, 0.1548



1.1817, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 74.7663, 0.3521, 0.3583 looks on a white background.

Color Contrast Check

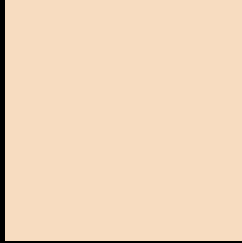
Large Text (above 18pt) WCAG AA × Fail

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 74.7663, 0.3521, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

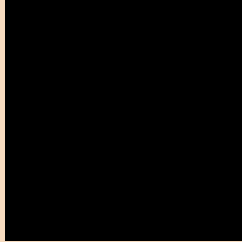
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

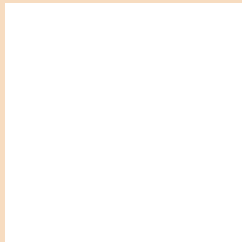
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7663, 0.3521, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 74.7663, 0.3521, 0.3583.



This preview shows how white text looks on a background with the Yxy color 74.7663, 0.3521, 0.3583.

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

74.7663, 0.3521, 0.3583

Protanopia

74.8685, 0.3408, 0.3612

Deuteranopia

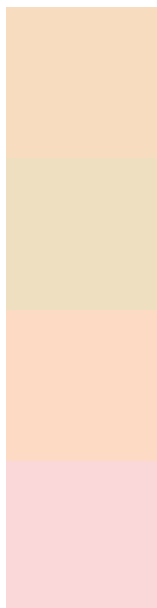
74.8712, 0.3560, 0.3506



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.7663, 0.3521, 0.3583

Protanomaly

74.9763, 0.3447, 0.3609

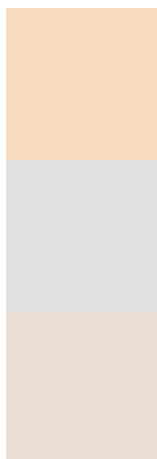
Deuteranomaly

74.7784, 0.3542, 0.3528

Tritanomaly

74.4455, 0.3371, 0.3281

Monochromacy



Original Color

74.7663, 0.3521, 0.3583

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9031, 0.3265, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7663, 0.3521, 0.3583 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(247, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 192)  
}
```

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(247, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 192) }
```

Border

The CSS property to change the border of an element to Yxy 74.7663, 0.3521, 0.3583 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(247, 220, 192) }
```

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

```
.border{ border-color:rgb(247, 220, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7663, 0.3521, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 192) }
```

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

```
.background{ background-color: rgb(247,  
220, 192) }
```

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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