

Converting Colors

$Y_{xy}(77.8219, 0.3513, 0.3521)$

Have a look what the booklet for
Yxy(77.8219, 0.3513, 0.3521)
contains.

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Color

Yxy(78.0163, 0.3510, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFC8
RGB	254, 223, 200
RGB Percent	100%, 87%, 78%
CMY	0.0040, 0.1255, 0.2156
CMYK	0.00, 0.12, 0.21, 0.00
HSL	26°, 96%, 89%
HSV	26°, 21%, 100%
XYZ	77.6843, 78.0163, 65.6222
YIQ	229.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

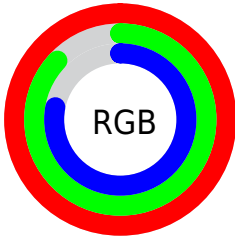
Format	Color
RYB	254, 240, 200
Decimal	16703432
CIELab	90.79, 7.20, 15.18
CIElCh	91, 16.797, 64.636
Yxy	78.0163, 0.3510, 0.3525
Android (android.graphics.Color)	4294893512 (0xFFFEFC8)
YUV	229.6470, -14.6160, 21.3576
Hunter-Lab	88.3268, 2.4205, 17.7794

Details

The Yxy color **78.0163, 0.3510, 0.3525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5907, 0.2792, 0.3043**, and the grayscale version is **78.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9509, 0.3601, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **69.4699, 0.3735, 0.3643**, and if you desaturate by 10%, it is **87.4380, 0.3315, 0.3411**.

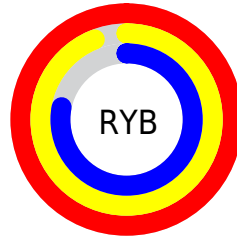
Distribution



Red (100%)

Green (87%)

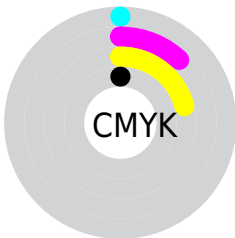
Blue (78%)



Red (100%)

Yellow (94%)

Blue (78%)

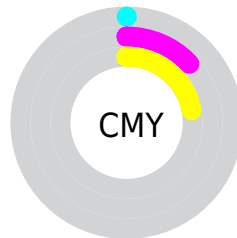


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0163, 0.3510, 0.3525 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 78.0163, 0.3510, 0.3525 by changing the saturation by 10% instead.


 78.0163, 0.3510,
0.3525

 78.0163, 0.3510,
0.3525


488.2222, 0.3334,
0.3420

 58.0874, 0.3550,
0.3548


130.5731, 0.3449,
0.3489

 41.8789, 0.3599,
0.3576


163.9698, 0.3425,
0.3475

 29.0065, 0.3661,
0.3611


202.6244, 0.3405,
0.3463

 19.0857, 0.3741,
0.3655

246.9216, 0.3387,
0.3452

 11.7322, 0.3849,
0.3712

297.2455, 0.3371,
0.3443

 6.5616, 0.4002,
0.3790

353.9807, 0.3358,

 3.1895, 0.4233,

0.3434

0.3898

417.5114, 0.3345,
0.3427

1.2314, 0.4883,
0.4285

0.0872, 0.7478,
0.2522

78.0163, 0.3510,
0.3525

78.0163, 0.3510,
0.3525

69.4699, 0.3735,
0.3643

87.4380, 0.3315,
0.3411

61.7616, 0.3990,
0.3758

97.7497, 0.3146,
0.3303

54.8669, 0.4274,
0.3865

99.8082, 0.3121,
0.3290

48.7560, 0.4580,
0.3953

■ 43.3967, 0.4894,
0.4008

■ 38.7540, 0.5196,
0.4017

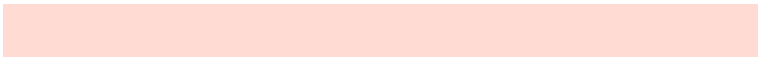
■ 34.7889, 0.5462,
0.3971

■ 31.8319, 0.5655,
0.3892

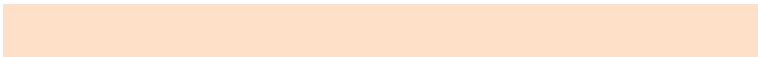
Harmonies

Analogous

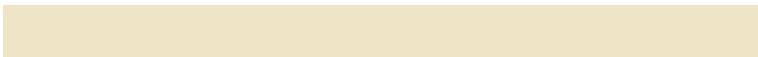
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0163, 0.3501, 0.3371



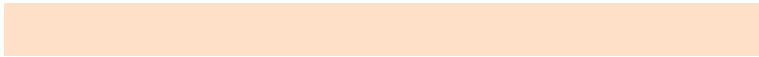
78.0163, 0.3510, 0.3525



78.0163, 0.3413, 0.3623

Triad

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



78.0163, 0.3510, 0.3525



78.0163, 0.2870, 0.3374



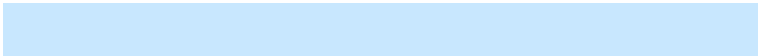
78.0163, 0.3005, 0.2973

Complementary

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



78.0163, 0.3510, 0.3525



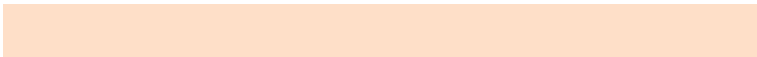
76.5907, 0.2792, 0.3043

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.



78.0163, 0.2843, 0.2965



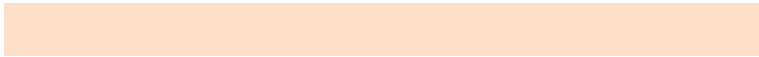
78.0163, 0.3510, 0.3525



78.0163, 0.2767, 0.3190

Square

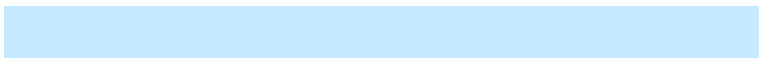
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0163, 0.3510, 0.3525



78.0163, 0.3042, 0.3539



78.0163, 0.2758, 0.3042



78.0163, 0.3205, 0.3059

Rectangle

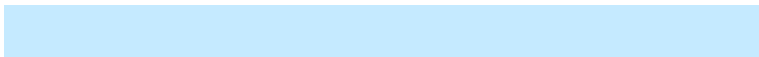
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0163, 0.3510, 0.3525



78.0163, 0.3304, 0.3640



78.0163, 0.2758, 0.3042



78.0163, 0.2945, 0.2961

Sweetspot

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



78.0198, 0.3510, 0.3525



93.5770, 0.3223, 0.3353



68.1864, 0.3315, 0.2973



19.8839, 0.3234, 0.3360



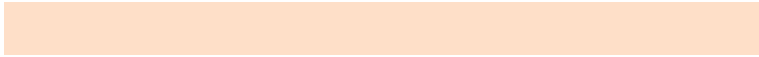
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0198, 0.3510, 0.3525



75.3850, 0.3591, 0.3569



93.2938, 0.3457, 0.3780



19.2590, 0.3284, 0.3392



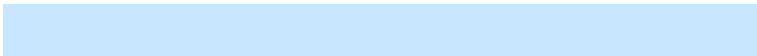
17.0624, 0.5627, 0.3914



1.8726, 0.5425, 0.4074

Inverse Universe

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



76.5907, 0.2792, 0.3043



73.7311, 0.2732, 0.2993



62.8720, 0.2772, 0.2747



19.1094, 0.2979, 0.3186



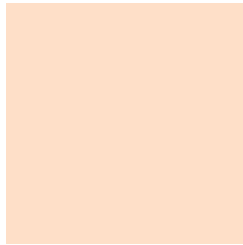
14.8790, 0.1841, 0.1828



1.6655, 0.1892, 0.2010

Previews

White Background



This preview shows how the Yxy color 78.0163, 0.3510, 0.3525 looks on a white background.

Color Contrast Check

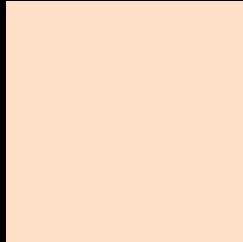
Large Text (above 18pt) WCAG AA × Fail

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 78.0163, 0.3510, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

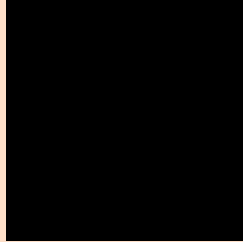
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.0163, 0.3510, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 78.0163, 0.3510, 0.3525.



This preview shows how white text looks on a background with the Yxy color 78.0163, 0.3510, 0.3525.

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

78.0163, 0.3510, 0.3525

Protanopia

78.1493, 0.3370, 0.3553

Deuteranopia

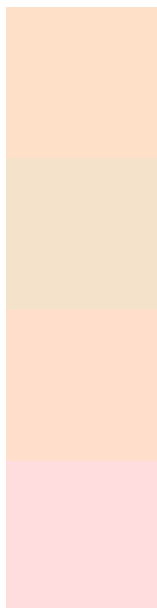
78.0075, 0.3470, 0.3443



Tritanopia

77.8635, 0.3285, 0.3141

Trichromacy



Original Color

78.0163, 0.3510, 0.3525

Protanomaly

77.8901, 0.3417, 0.3540

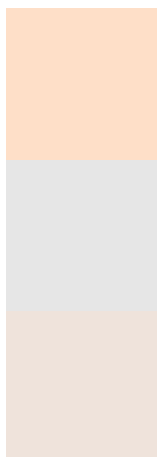
Deuteranomaly

77.8622, 0.3491, 0.3474

Tritanomaly

77.7203, 0.3367, 0.3271

Monochromacy



Original Color

78.0163, 0.3510, 0.3525

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4034, 0.3264, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0163, 0.3510, 0.3525 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(254, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 200)  
}
```

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(254, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 200) }
```

Border

The CSS property to change the border of an element to Yxy 78.0163, 0.3510, 0.3525 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(254, 223, 200) }
```

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

```
.border{ border-color:rgb(254, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0163, 0.3510, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 200) }
```

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

```
.background{ background-color: rgb(254,  
223, 200) }
```

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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