

Converting Colors

$Y_{xy}(77.2393, 0.3550, 0.3572)$

Have a look what the booklet for
Yxy(77.2393, 0.3550, 0.3572)
contains.

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Color

Yxy(77.2535, 0.3548, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEC3
RGB	254, 222, 195
RGB Percent	100%, 87%, 76%
CMY	0.0039, 0.1294, 0.2353
CMYK	0.00, 0.13, 0.23, 0.00
HSL	27°, 97%, 88%
HSV	27°, 23%, 100%
XYZ	76.8420, 77.2535, 62.4829
YIQ	228.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

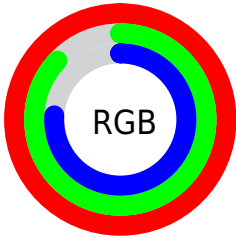
Format	Color
RYB	254, 245, 195
Decimal	16703171
CIELab	90.44, 7.00, 17.31
CIELCh	90, 18.678, 67.974
Yxy	77.2535, 0.3548, 0.3567
Android (android.graphics.Color)	4294893251 (0xFFFEDEC3)
YUV	228.4900, -16.5106, 22.3723
Hunter-Lab	87.8940, 2.2406, 19.3772

Details

The Yxy color $77.2535, 0.3548, 0.3567$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $73.6798, 0.2759, 0.2996$, and the grayscale version is $78.0699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.8083, 0.3144, 0.3319$, and $41.4308, 0.3651, 0.3632$ is the 20% darker color. If you saturate the color by 10%, you get $69.1860, 0.3774, 0.3693$, and if you desaturate by 10%, it is $86.1207, 0.3350, 0.3444$.

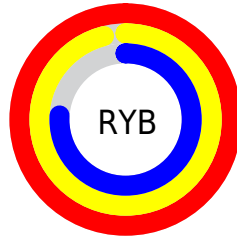
Distribution



Red (100%)

Green (87%)

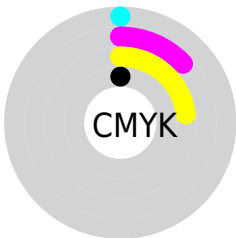
Blue (76%)



Red (100%)

Yellow (96%)

Blue (76%)

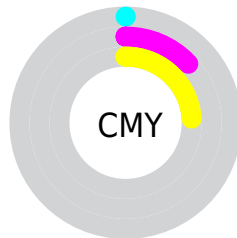


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2535, 0.3548, 0.3567 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 77.2535, 0.3548, 0.3567 by changing the saturation by 10% instead.


 77.2535, 0.3548,
0.3567

 77.2535, 0.3548,
0.3567


485.6279, 0.3354,
0.3443

 57.4610, 0.3592,
0.3594

129.4973, 0.3481,
0.3525

 41.3754, 0.3646,
0.3627


162.7173, 0.3455,
0.3508

 28.6126, 0.3714,
0.3668


201.1819, 0.3432,
0.3494

 18.7879, 0.3802,
0.3720

245.2755, 0.3413,
0.3481

 11.5171, 0.3921,
0.3788

295.3825, 0.3396,
0.3470

 6.4158, 0.4088,
0.3879

351.8873, 0.3380,

 3.0995, 0.4338,

0.3460

0.4004

415.1743, 0.3367,
0.3451

■ 1.1839, 0.5221,
0.4593

■ 0.0485, 0.8174,
0.1826

■ 77.2535, 0.3548,
0.3567

■ 77.2535, 0.3548,
0.3567

■ 69.1860, 0.3774,
0.3693

■ 86.1207, 0.3350,
0.3444

■ 61.8837, 0.4028,
0.3816

■ 95.8000, 0.3178,
0.3326

■ 55.3245, 0.4306,
0.3928

99.8100, 0.3121,
0.3290

■ 49.4812, 0.4601,
0.4018

■ 44.3246, 0.4899,
0.4071

■ 39.8226, 0.5179,
0.4077

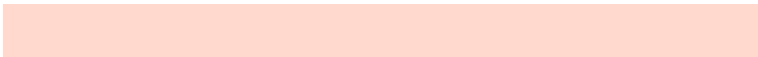
■ 35.9386, 0.5422,
0.4027

■ 33.6329, 0.5561,
0.3967

Harmonies

Analogous

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



77.2535, 0.3552, 0.3399



77.2535, 0.3548, 0.3567



77.2535, 0.3428, 0.3668

Triad

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



77.2535, 0.3548, 0.3567



77.2535, 0.2823, 0.3361



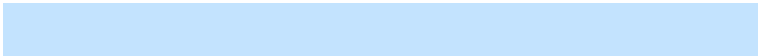
77.2535, 0.3014, 0.2944

Complementary

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



77.2535, 0.3548, 0.3567



73.6798, 0.2759, 0.2996

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.



77.2535, 0.2827, 0.2925



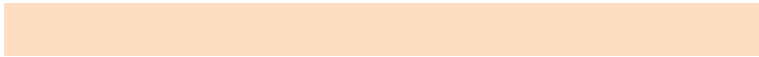
77.2535, 0.3548, 0.3567



77.2535, 0.2720, 0.3156

Square

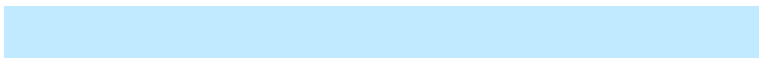
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2535, 0.3548, 0.3567



77.2535, 0.3008, 0.3551



77.2535, 0.2722, 0.2999



77.2535, 0.3238, 0.3048

Rectangle

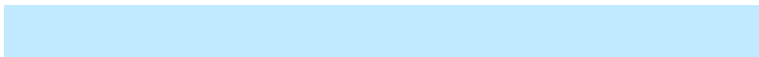
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2535, 0.3548, 0.3567



77.2535, 0.3301, 0.3679



77.2535, 0.2722, 0.2999



77.2535, 0.2945, 0.2928

Sweetspot

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



77.2570, 0.3548, 0.3567



92.8843, 0.3240, 0.3370



65.6652, 0.3351, 0.2962



19.7539, 0.3250, 0.3377



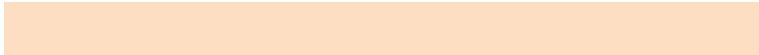
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



77.2570, 0.3548, 0.3567



73.9677, 0.3652, 0.3627



94.0321, 0.3485, 0.3845



19.3575, 0.3283, 0.3399



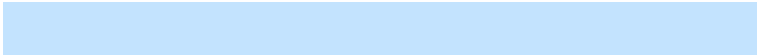
18.0194, 0.5534, 0.3988



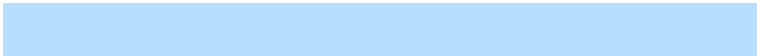
1.9699, 0.5343, 0.4140

Inverse Universe

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



73.6798, 0.2759, 0.2996



69.7650, 0.2681, 0.2926



59.1158, 0.2733, 0.2667



19.0093, 0.2979, 0.3178



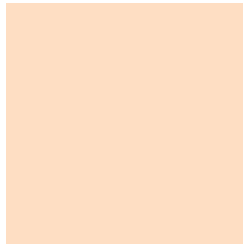
13.6070, 0.1810, 0.1717



1.5435, 0.1864, 0.1910

Previews

White Background



This preview shows how the Yxy color 77.2535, 0.3548, 0.3567 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 77.2535, 0.3548, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

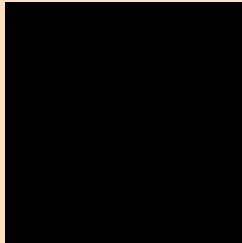
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2535, 0.3548, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 77.2535, 0.3548, 0.3567.



This preview shows how white text looks on a background with the Yxy color 77.2535, 0.3548, 0.3567.

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

77.2535, 0.3548, 0.3567

Protanopia

77.3661, 0.3405, 0.3596

Deuteranopia

77.2372, 0.3508, 0.3484



Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.2535, 0.3548, 0.3567

Protanomaly

77.1147, 0.3453, 0.3583

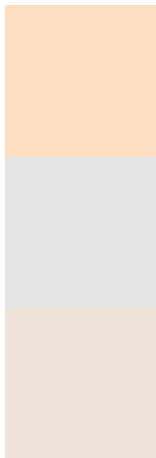
Deuteranomaly

77.0964, 0.3529, 0.3515

Tritanomaly

77.0375, 0.3390, 0.3291

Monochromacy



Original Color

77.2535, 0.3548, 0.3567

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3551, 0.3271, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2535, 0.3548, 0.3567 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, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 195)  
}
```

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, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 195) }
```

Border

The CSS property to change the border of an element to Yxy 77.2535, 0.3548, 0.3567 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, 222, 195) }
```

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

```
.border{ border-color:rgb(254, 222, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2535, 0.3548, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 195) }
```

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

```
.background{ background-color: rgb(254,  
222, 195) }
```

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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