

Converting Colors

$Yxy(67.8292, 0.3700, 0.3596)$

Have a look what the booklet for
Yxy(67.8292, 0.3700, 0.3596)
contains.

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Color

Yxy(67.8262, 0.3700, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	FBCEB1
RGB	251, 206, 177
RGB Percent	98%, 81%, 69%
CMY	0.0157, 0.1921, 0.3059
CMYK	0.00, 0.18, 0.29, 0.02
HSL	24°, 90%, 84%
HSV	24°, 29%, 98%
XYZ	69.7878, 67.8262, 51.0017
YIQ	216.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

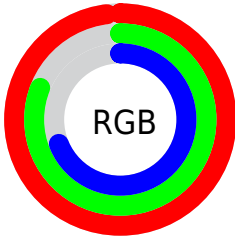
Format	Color
R_{YB}	251, 225, 177
Decimal	16502449
CIE _{Lab}	85.92, 11.77, 20.40
CIE _{LCh}	86, 23.551, 60.019
Yxy	67.8262, 0.3700, 0.3596
Android (android.graphics.Color)	4294692529 (0xFFFBCEB1)
YUV	216.1490, -19.3005, 30.5643
Hunter-Lab	82.3567, 7.1341, 20.9327

Details

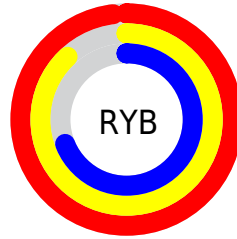
The Yxy color **67.8262, 0.3700, 0.3596** is a light color, and the websafe version is hex **FFCC99**, and the color name is **apricot**. A complement of this color would be **68.5377, 0.2664, 0.2961**, and the grayscale version is **68.8928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **35.2492, 0.3838, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **59.9257, 0.3957, 0.3704**, and if you desaturate by 10%, it is **76.6301, 0.3476, 0.3488**.

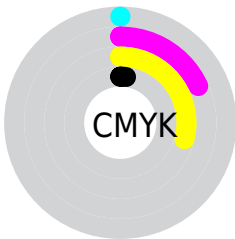
Distribution



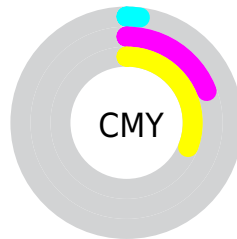
- Red (98%)
- Green (81%)
- Blue (69%)



- Red (98%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8262, 0.3700, 0.3596 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 67.8262, 0.3700, 0.3596 by changing the saturation by 10% instead.


 67.8262, 0.3700,
0.3596

 67.8262, 0.3700,
0.3596


452.8800, 0.3430,
0.3459

 49.7564, 0.3763,
0.3626


 116.1035, 0.3605,
0.3549

 35.2198, 0.3841,
0.3662


147.0797, 0.3569,
0.3531

 23.8323, 0.3940,
0.3707


183.1268, 0.3537,
0.3515

 15.2092, 0.4070,
0.3762

224.6293, 0.3510,
0.3501

 8.9664, 0.4247,
0.3832

271.9714, 0.3486,
0.3489

 4.7193, 0.4502,
0.3920

325.5376, 0.3465,

 2.0835, 0.4958,

0.3478

0.4078

385.7124, 0.3447,
0.3468

0.6553, 0.5819,
0.4181

0.0000, 0.0000,
0.0000

67.8262, 0.3700,
0.3596

67.8262, 0.3700,
0.3596

59.9257, 0.3957,
0.3704

76.6301, 0.3476,
0.3488

52.8888, 0.4246,
0.3804

86.3568, 0.3284,
0.3383

46.6865, 0.4562,
0.3888

97.0366, 0.3119,
0.3285

41.2842, 0.4892,
0.3942

99.2479, 0.3102,
0.3290

■ 36.6445, 0.5215,
0.3953

■ 32.7257, 0.5504,
0.3912

■ 29.4754, 0.5739,
0.3821

■ 29.3239, 0.5750,
0.3816

Harmonies

Analogous

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



67.8262, 0.3663, 0.3363



67.8262, 0.3700, 0.3596



67.8262, 0.3576, 0.3763

Triad

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



67.8262, 0.3700, 0.3596



67.8262, 0.2783, 0.3455



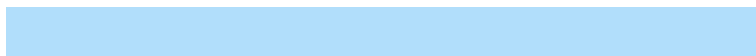
67.8262, 0.2905, 0.2823

Complementary

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



67.8262, 0.3700, 0.3596



68.5377, 0.2664, 0.2961

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.



67.8262, 0.2686, 0.2826



67.8262, 0.3700, 0.3596



67.8262, 0.2619, 0.3178

Square

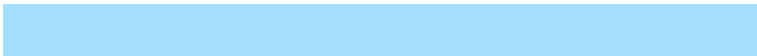
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8262, 0.3700, 0.3596



67.8262, 0.3043, 0.3692



67.8262, 0.2585, 0.2950



67.8262, 0.3192, 0.2931

Rectangle

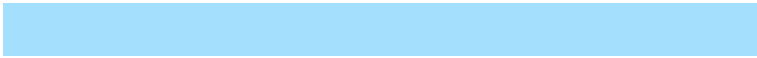
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8262, 0.3700, 0.3596



67.8262, 0.3424, 0.3808



67.8262, 0.2585, 0.2950



67.8262, 0.2821, 0.2811

Sweetspot

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



67.8293, 0.3700, 0.3596



90.0293, 0.3276, 0.3379



57.2552, 0.3388, 0.2820



18.9412, 0.3302, 0.3393



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.



67.8293, 0.3700, 0.3596



65.6610, 0.3838, 0.3656



87.4000, 0.3597, 0.3950



18.3417, 0.3284, 0.3384



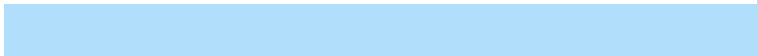
15.6782, 0.5721, 0.3840



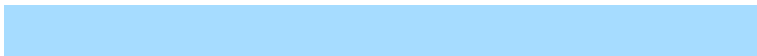
1.6517, 0.5501, 0.4014

Inverse Universe

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



68.5377, 0.2664, 0.2961



66.4862, 0.2578, 0.2889



51.2693, 0.2616, 0.2530



18.3990, 0.2980, 0.3195



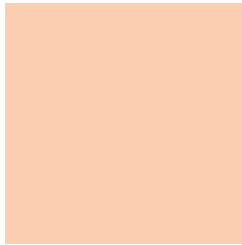
15.8541, 0.1875, 0.1949



1.6747, 0.1924, 0.2126

Previews

White Background



This preview shows how the Yxy color 67.8262, 0.3700, 0.3596 looks on a white background.

Color Contrast Check

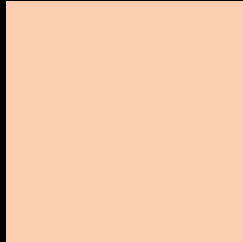
Large Text (above 18pt) WCAG AA × Fail

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 67.8262, 0.3700, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

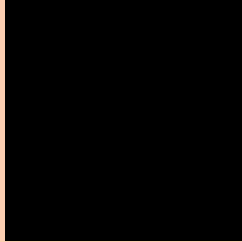
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8262, 0.3700, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 67.8262, 0.3700, 0.3596.



This preview shows how white text looks on a background with the Yxy color 67.8262, 0.3700, 0.3596.

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

67.8262, 0.3700, 0.3596

Protanopia

68.2680, 0.3456, 0.3669

Deuteranopia

67.9397, 0.3681, 0.3608



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.8262, 0.3700, 0.3596

Protanomaly

68.2151, 0.3541, 0.3639

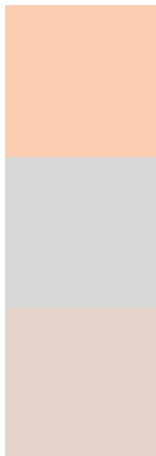
Deuteranomaly

68.1240, 0.3689, 0.3607

Tritanomaly

68.0470, 0.3537, 0.3302

Monochromacy



Original Color

67.8262, 0.3700, 0.3596

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0092, 0.3325, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8262, 0.3700, 0.3596 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(251, 206, 177)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 177)  
}
```

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(251, 206, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 177) }
```

Border

The CSS property to change the border of an element to Yxy 67.8262, 0.3700, 0.3596 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(251, 206, 177) }
```

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

```
.border{ border-color:rgb(251, 206, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 206, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 177);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8262, 0.3700, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 177) }
```

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

```
.background{ background-color: rgb(251,  
206, 177) }
```

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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