

Converting Colors

Yxy(67.9332, 0.3724, 0.3616)

Have a look what the booklet for
Yxy(67.9332, 0.3724, 0.3616)
contains.

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Color

Yxy(67.9332, 0.3724, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	FCCEAF
RGB	252, 206, 175
RGB Percent	99%, 81%, 69%
CMY	0.0116, 0.1922, 0.3138
CMYK	0.00, 0.18, 0.31, 0.01
HSL	24°, 93%, 84%
HSV	24°, 31%, 99%
XYZ	69.9622, 67.9332, 49.9730
YIQ	216.2200, 37.3670, 0.1110

Conversions

Conversions Part 2

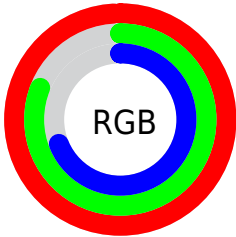
Format	Color
R _Y B	252, 227, 175
Decimal	16567983
CIE Lab	85.97, 11.91, 21.54
CIE LCh	86, 24.618, 61.058
Yxy	67.9332, 0.3724, 0.3616
Android (android.graphics.Color)	4294758063 (0xFFFCCEAF)
YUV	216.2200, -20.3215, 31.3791
Hunter-Lab	82.4216, 7.2789, 21.7470

Details

The Yxy color $67.9332, 0.3724, 0.3616$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $67.8687, 0.2646, 0.2938$, and the grayscale version is $68.9521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5495, 0.3268, 0.3522$, and $35.3309, 0.3869, 0.3696$ is the 20% darker color. If you saturate the color by 10%, you get $60.1298, 0.3982, 0.3726$, and if you desaturate by 10%, it is $76.6225, 0.3498, 0.3505$.

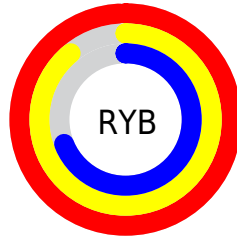
Distribution



Red (99%)

Green (81%)

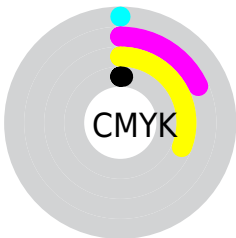
Blue (69%)



Red (99%)

Yellow (89%)

Blue (69%)

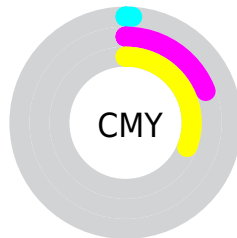


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9332, 0.3724, 0.3616 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 67.9332, 0.3724, 0.3616 by changing the saturation by 10% instead.

 67.9332, 0.3724,
0.3616

 67.9332, 0.3724,
0.3616

453.2593, 0.3443,
0.3470

 49.8434, 0.3789,
0.3648


 116.2566, 0.3626,
0.3566

 35.2890, 0.3870,
0.3686


147.2589, 0.3587,
0.3547

 23.8856, 0.3973,
0.3733

183.3343, 0.3555,
0.3530

 15.2488, 0.4108,
0.3791

224.8670, 0.3526,
0.3515

 8.9942, 0.4291,
0.3865

272.2414, 0.3502,
0.3502

 4.7374, 0.4552,
0.3956

325.8420, 0.3480,

 2.0940, 0.5039,

0.3490

0.4134

386.0532, 0.3460,
0.3479

0.6613, 0.5823,
0.4177

0.0000, 0.0000,
0.0000

67.9332, 0.3724,
0.3616

67.9332, 0.3724,
0.3616

60.1298, 0.3982,
0.3726

76.6225, 0.3498,
0.3505

53.1732, 0.4272,
0.3828

86.2164, 0.3303,
0.3397

47.0348, 0.4586,
0.3912

96.7449, 0.3136,
0.3296

41.6807, 0.4911,
0.3964

99.4421, 0.3109,
0.3290

■ 37.0740, 0.5226,
0.3972

■ 33.1735, 0.5506,
0.3926

■ 30.0942, 0.5722,
0.3839

Harmonies

Analogous

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



67.9332, 0.3691, 0.3374



67.9332, 0.3724, 0.3616



67.9332, 0.3589, 0.3788

Triad

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



67.9332, 0.3724, 0.3616



67.9332, 0.2760, 0.3452



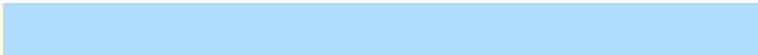
67.9332, 0.2904, 0.2805

Complementary

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



67.9332, 0.3724, 0.3616



67.8687, 0.2646, 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.



67.9332, 0.2673, 0.2804



67.9332, 0.3724, 0.3616



67.9332, 0.2593, 0.3162

Square

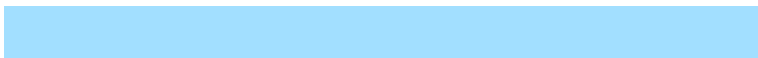
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9332, 0.3724, 0.3616



67.9332, 0.3028, 0.3704



67.9332, 0.2563, 0.2928



67.9332, 0.3206, 0.2922

Rectangle

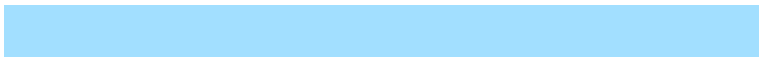
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.9332, 0.3724, 0.3616



67.9332, 0.3427, 0.3832



67.9332, 0.2563, 0.2928



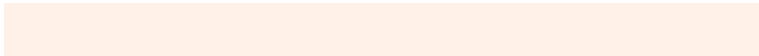
67.9332, 0.2816, 0.2791

Sweetspot

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



67.9364, 0.3724, 0.3616



90.1694, 0.3275, 0.3381



56.5875, 0.3411, 0.2815



18.9756, 0.3301, 0.3396



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.



67.9364, 0.3724, 0.3616



64.4941, 0.3887, 0.3688



88.6971, 0.3611, 0.3987



18.3718, 0.3284, 0.3386



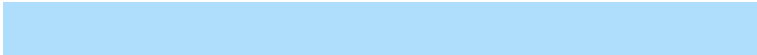
15.9417, 0.5692, 0.3862



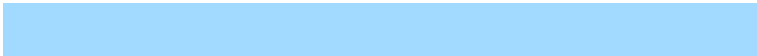
1.6780, 0.5475, 0.4035

Inverse Universe

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



67.8687, 0.2646, 0.2938



64.4008, 0.2545, 0.2851



49.8812, 0.2593, 0.2482



18.3681, 0.2980, 0.3192



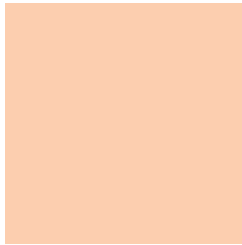
15.4169, 0.1865, 0.1913



1.6356, 0.1915, 0.2094

Previews

White Background



This preview shows how the Yxy color 67.9332, 0.3724, 0.3616 looks on a white background.

Color Contrast Check

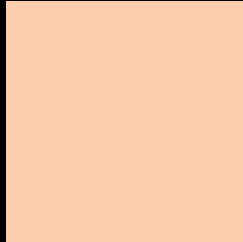
Large Text (above 18pt) WCAG AA × Fail

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 67.9332, 0.3724, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

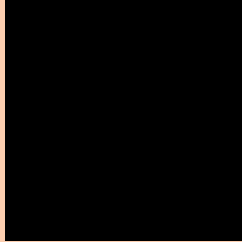
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9332, 0.3724, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 67.9332, 0.3724, 0.3616.



This preview shows how white text looks on a background with the Yxy color 67.9332, 0.3724, 0.3616.

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

67.9332, 0.3724, 0.3616

Protanopia

68.1864, 0.3471, 0.3691

Deuteranopia

68.0448, 0.3704, 0.3628



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.9332, 0.3724, 0.3616

Protanomaly

68.1342, 0.3556, 0.3661

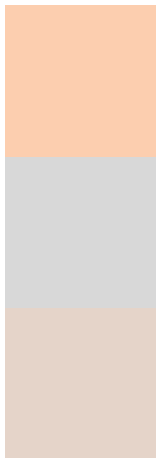
Deuteranomaly

68.2300, 0.3712, 0.3627

Tritanomaly

67.9997, 0.3544, 0.3312

Monochromacy



Original Color

67.9332, 0.3724, 0.3616

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9620, 0.3333, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9332, 0.3724, 0.3616 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(252, 206, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 206, 175)  
}
```

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(252, 206, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 206, 175) }
```

Border

The CSS property to change the border of an element to Yxy 67.9332, 0.3724, 0.3616 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(252, 206, 175) }
```

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

```
.border{ border-color:rgb(252, 206, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 206, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 206, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 206, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 206,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9332, 0.3724, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 206, 175) }
```

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

```
.background{ background-color: rgb(252,  
206, 175) }
```

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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