

Converting Colors

$Yxy(65.8374, 0.3677, 0.3715)$

Have a look what the booklet for
Yxy(65.8374, 0.3677, 0.3715)
contains.

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Color

Yxy(65.9781, 0.3677, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	F0CFA8
RGB	240, 207, 168
RGB Percent	94%, 81%, 66%
CMY	0.0588, 0.1882, 0.3411
CMYK	0.00, 0.14, 0.30, 0.06
HSL	32°, 71%, 80%
HSV	32°, 30%, 94%
XYZ	65.3208, 65.9781, 46.3481
YIQ	212.4210, 32.1870, -5.1330

Conversions

Conversions Part 2

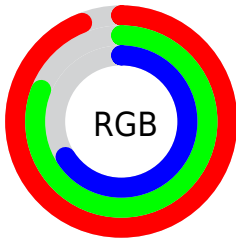
Format	Color
RYB	229, 240, 168
Decimal	15781800
CIELab	84.99, 5.96, 23.66
CIELCh	85, 24.403, 75.868
Yxy	65.9781, 0.3677, 0.3714
Android (android.graphics.Color)	4293971880 (0xFFFF0CFA8)
YUV	212.4210, -21.8996, 24.1868
Hunter-Lab	81.2269, 1.3985, 23.0279

Details

The Yxy color **65.9781, 0.3677, 0.3714** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4095, 0.2642, 0.2824**, and the grayscale version is **66.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **34.1107, 0.3807, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **60.0187, 0.3904, 0.3859**, and if you desaturate by 10%, it is **72.4805, 0.3472, 0.3568**.

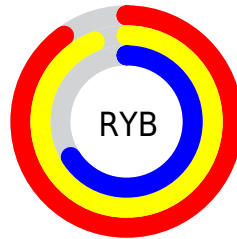
Distribution



Red (94%)

Green (81%)

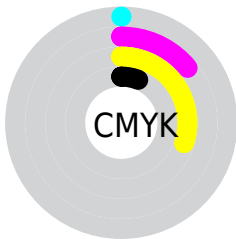
Blue (66%)



Red (90%)

Yellow (94%)

Blue (66%)

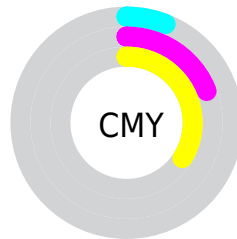


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (19%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9781, 0.3677, 0.3714 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 65.9781, 0.3677, 0.3714 by changing the saturation by 10% instead.

 65.9781, 0.3677,
0.3714


 65.9781, 0.3677,
0.3714


446.2986, 0.3418,
0.3519

 48.2546, 0.3737,
0.3758


 113.4549, 0.3586,
0.3647

 34.0286, 0.3811,
0.3811


 143.9770, 0.3551,
0.3621

 22.9156, 0.3906,
0.3878


179.5341, 0.3521,
0.3598

 14.5312, 0.4029,
0.3963

220.5106, 0.3495,
0.3578

 8.4910, 0.4195,
0.4074

267.2909, 0.3472,
0.3561

 4.4107, 0.4429,
0.4219

320.2594, 0.3452,

 1.9059, 0.5009,

0.3545

0.4623

379.8005, 0.3434,
0.3531

0.5519, 0.5483,
0.4517

0.0000, 0.0000,
0.0000

65.9781, 0.3677,
0.3714

65.9781, 0.3677,
0.3714

60.0187, 0.3904,
0.3859

72.4805, 0.3472,
0.3568

54.5765, 0.4150,
0.3996

79.5326, 0.3289,
0.3425

49.6369, 0.4407,
0.4113

87.1521, 0.3127,
0.3290

45.1807, 0.4666,
0.4199

94.7583, 0.3036,
0.3251

■ 41.1869, 0.4911,
0.4241

■ 97.2676, 0.3035,
0.3290

■ 37.6317, 0.5127,
0.4229

■ 34.4806, 0.5308,
0.4167

■ 34.4790, 0.5308,
0.4167

Harmonies

Analogous

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



65.9781, 0.3730, 0.3498



65.9781, 0.3677, 0.3714



65.9781, 0.3473, 0.3828

Triad

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



65.9781, 0.3677, 0.3714



65.9781, 0.2662, 0.3307



65.9781, 0.3048, 0.2849

Complementary

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



65.9781, 0.3677, 0.3714



56.4095, 0.2642, 0.2824

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.



65.9781, 0.2774, 0.2789



65.9781, 0.3677, 0.3714



65.9781, 0.2560, 0.3035

Square

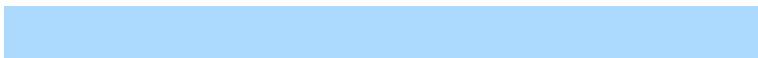
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9781, 0.3677, 0.3714



65.9781, 0.2886, 0.3591



65.9781, 0.2600, 0.2851



65.9781, 0.3357, 0.3013

Rectangle

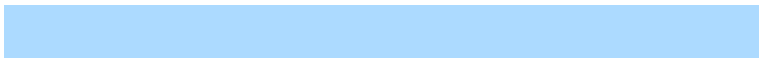
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9781, 0.3677, 0.3714



65.9781, 0.3284, 0.3819



65.9781, 0.2600, 0.2851



65.9781, 0.2949, 0.2816

Sweetspot

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



65.9811, 0.3677, 0.3714



92.0770, 0.3272, 0.3412



50.7874, 0.3489, 0.2926



19.4449, 0.3297, 0.3432



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.



65.9811, 0.3677, 0.3714



71.4508, 0.3814, 0.3804



83.2665, 0.3563, 0.4044



17.1768, 0.3280, 0.3418



19.1415, 0.5285, 0.4185



1.7912, 0.5102, 0.4331

Inverse Universe

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



56.4095, 0.2642, 0.2824



58.8329, 0.2539, 0.2711



42.8988, 0.2613, 0.2416



16.4231, 0.2980, 0.3159



9.8150, 0.1734, 0.1443



1.0132, 0.1804, 0.1693

Previews

White Background



This preview shows how the Yxy color 65.9781, 0.3677, 0.3714 looks on a white background.

Color Contrast Check

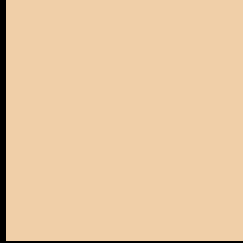
Large Text (above 18pt) WCAG AA × Fail

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 65.9781, 0.3677, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

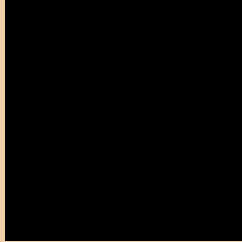
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9781, 0.3677, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 65.9781, 0.3677, 0.3714.



This preview shows how white text looks on a background with the Yxy color 65.9781, 0.3677, 0.3714.

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

65.9781, 0.3677, 0.3714

Protanopia

65.9968, 0.3527, 0.3764

Deuteranopia

66.0068, 0.3744, 0.3663



Tritanopia

65.6789, 0.3362, 0.3123

Trichromacy



Original Color

65.9781, 0.3677, 0.3714

Protanomaly

65.7808, 0.3580, 0.3747

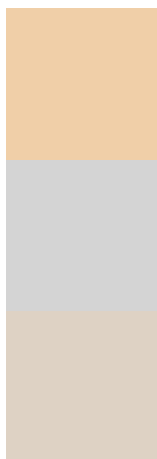
Deuteranomaly

65.9397, 0.3716, 0.3677

Tritanomaly

65.8901, 0.3472, 0.3334

Monochromacy



Original Color

65.9781, 0.3677, 0.3714

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6083, 0.3318, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9781, 0.3677, 0.3714 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(240, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 207, 168)  
}
```

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(240, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 168) }
```

Border

The CSS property to change the border of an element to Yxy 65.9781, 0.3677, 0.3714 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(240, 207, 168) }
```

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

```
.border{ border-color:rgb(240, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9781, 0.3677, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 168) }
```

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

```
.background{ background-color: rgb(240,  
207, 168) }
```

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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