

Converting Colors

$Yxy(66.0924, 0.3719, 0.3637)$

Have a look what the booklet for
Yxy(66.0924, 0.3719, 0.3637)
contains.

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Color

Yxy(66.1207, 0.3721, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	F8CCAC
RGB	248, 204, 172
RGB Percent	97%, 80%, 67%
CMY	0.0273, 0.2000, 0.3255
CMYK	0.00, 0.18, 0.31, 0.03
HSL	25°, 85%, 82%
HSV	25°, 31%, 97%
XYZ	67.7596, 66.1207, 48.2202
YIQ	213.5080, 36.4960, -0.6240

Conversions

Conversions Part 2

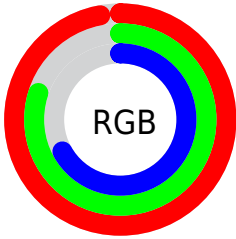
Format	Color
RYB	248, 227, 172
Decimal	16305324
CIELab	85.06, 11.07, 21.79
CIELCh	85, 24.441, 63.070
Yxy	66.1207, 0.3721, 0.3631
Android (android.graphics.Color)	4294495404 (0xFFF8CCAC)
YUV	213.5080, -20.4634, 30.2495
Hunter-Lab	81.3146, 6.4437, 21.7608

Details

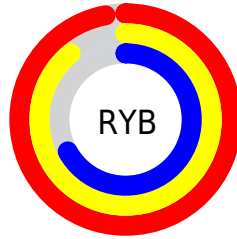
The Yxy color **66.1207, 0.3721, 0.3631** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6834, 0.2643, 0.2921**, and the grayscale version is **67.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **34.1159, 0.3857, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **58.7407, 0.3975, 0.3746**, and if you desaturate by 10%, it is **74.3147, 0.3498, 0.3515**.

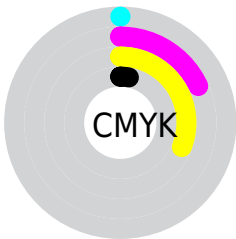
Distribution



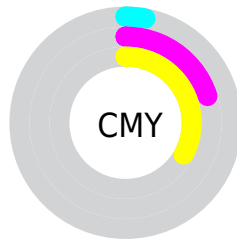
- Red (97%)
- Green (80%)
- Blue (67%)



- Red (97%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1207, 0.3721, 0.3631 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 66.1207, 0.3721, 0.3631 by changing the saturation by 10% instead.


 66.1207, 0.3721,
0.3631

 66.1207, 0.3721,
0.3631

446.8084, 0.3440,
0.3477

 48.3704, 0.3786,
0.3665


 113.6596, 0.3622,
0.3579

 34.1203, 0.3868,
0.3706


144.2169, 0.3584,
0.3558

 22.9860, 0.3971,
0.3756


179.8120, 0.3552,
0.3540

 14.5832, 0.4107,
0.3819

220.8293, 0.3523,
0.3524

 8.5274, 0.4293,
0.3898

267.6532, 0.3499,
0.3510

 4.4342, 0.4558,
0.3998

320.6681, 0.3477,

 1.9193, 0.5115,

0.3498

0.4240

380.2584, 0.3457,
0.3487

0.5599, 0.5890,
0.4110

0.0000, 0.0000,
0.0000

66.1207, 0.3721,
0.3631

66.1207, 0.3721,
0.3631

58.7407, 0.3975,
0.3746

74.3147, 0.3498,
0.3515

52.1386, 0.4259,
0.3852

83.3390, 0.3304,
0.3403

46.2889, 0.4565,
0.3940

93.2209, 0.3137,
0.3297

41.1610, 0.4881,
0.3996

98.7028, 0.3084,
0.3290

■ 36.7215, 0.5187,
0.4008

■ 32.9331, 0.5458,
0.3965

■ 29.9370, 0.5668,
0.3882

Harmonies

Analogous

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



66.1207, 0.3700, 0.3392



66.1207, 0.3721, 0.3631



66.1207, 0.3576, 0.3796

Triad

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



66.1207, 0.3721, 0.3631



66.1207, 0.2745, 0.3433



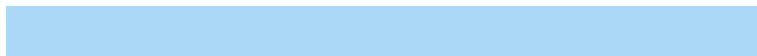
66.1207, 0.2923, 0.2809

Complementary

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



66.1207, 0.3721, 0.3631



64.6834, 0.2643, 0.2921

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.



66.1207, 0.2685, 0.2799



66.1207, 0.3721, 0.3631



66.1207, 0.2586, 0.3144

Square

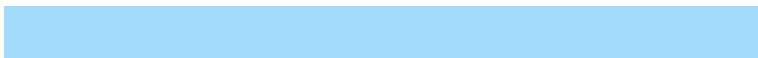
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1207, 0.3721, 0.3631



66.1207, 0.3008, 0.3691



66.1207, 0.2565, 0.2915



66.1207, 0.3227, 0.2932

Rectangle

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



66.1207, 0.3721, 0.3631



66.1207, 0.3409, 0.3834



66.1207, 0.2565, 0.2915



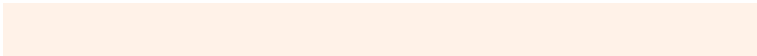
66.1207, 0.2833, 0.2792

Sweetspot

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



66.1238, 0.3721, 0.3631



90.4188, 0.3275, 0.3385



54.4441, 0.3422, 0.2827



19.0369, 0.3301, 0.3401



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.



66.1238, 0.3721, 0.3631



65.2914, 0.3880, 0.3705



86.2663, 0.3609, 0.4000



18.4255, 0.3283, 0.3390



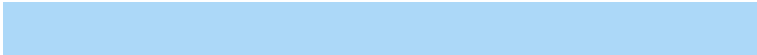
16.4301, 0.5640, 0.3904



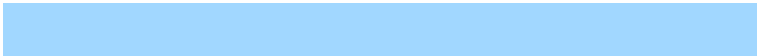
1.7263, 0.5428, 0.4072

Inverse Universe

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



64.6834, 0.2643, 0.2921



63.5149, 0.2542, 0.2830



47.5250, 0.2590, 0.2464



18.3132, 0.2980, 0.3188



14.6628, 0.1847, 0.1848



1.5677, 0.1899, 0.2036

Previews

White Background



This preview shows how the Yxy color 66.1207, 0.3721, 0.3631 looks on a white background.

Color Contrast Check

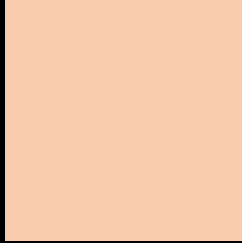
Large Text (above 18pt) WCAG AA × Fail

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 66.1207, 0.3721, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

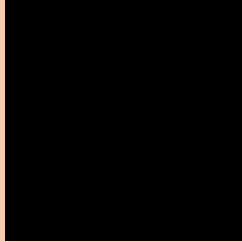
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1207, 0.3721, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 66.1207, 0.3721, 0.3631.



This preview shows how white text looks on a background with the Yxy color 66.1207, 0.3721, 0.3631.

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

66.1207, 0.3721, 0.3631

Protanopia

66.2291, 0.3483, 0.3695

Deuteranopia

65.9384, 0.3713, 0.3632



Tritanopia

66.0749, 0.3452, 0.3137

Trichromacy



Original Color

66.1207, 0.3721, 0.3631

Protanomaly

66.0197, 0.3562, 0.3666

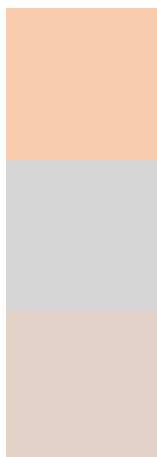
Deuteranomaly

65.9384, 0.3713, 0.3632

Tritanomaly

65.8950, 0.3550, 0.3312

Monochromacy



Original Color

66.1207, 0.3721, 0.3631

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3855, 0.3327, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1207, 0.3721, 0.3631 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(248, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(248, 204, 172)  
}
```

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(248, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 204, 172) }
```

Border

The CSS property to change the border of an element to Yxy 66.1207, 0.3721, 0.3631 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(248, 204, 172) }
```

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

```
.border{ border-color:rgb(248, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 204, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 204, 172); box-shadow:4px 4px 4px 4px rgb(248, 204, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1207, 0.3721, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 204, 172) }
```

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

```
.background{ background-color: rgb(248,  
204, 172) }
```

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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