

Converting Colors

Yxy(60.8931, 0.3720, 0.3603)

Have a look what the booklet for
Yxy(60.8931, 0.3720, 0.3603)
contains.

Yxy(61.0078, 0.3720, 0.3597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0078, 0.3720, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	F1C4A8
RGB	241, 196, 168
RGB Percent	95%, 77%, 66%
CMY	0.0548, 0.2314, 0.3411
CMYK	0.00, 0.19, 0.30, 0.05
HSL	23°, 72%, 80%
HSV	23°, 30%, 95%
XYZ	63.0940, 61.0078, 45.5057
YIQ	206.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

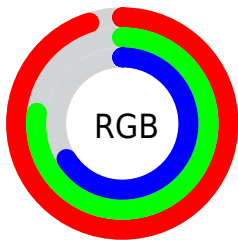
Format	Color
R _Y B	241, 213, 168
Decimal	15844520
CIE Lab	82.38, 12.10, 20.09
CIE LCh	82, 23.458, 58.939
Yxy	61.0078, 0.3720, 0.3597
Android (android.graphics.Color)	4294034600 (0xFFFF1C4A8)
YUV	206.2630, -18.8637, 30.4643
Hunter-Lab	78.1075, 7.5013, 20.1327

Details

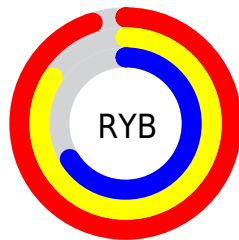
The Yxy color **61.0078, 0.3720, 0.3597** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.3023, 0.2653, 0.2960**, and the grayscale version is **62.0089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8383, 0.3318, 0.3583**, and **30.7973, 0.3874, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **53.8148, 0.3980, 0.3702**, and if you desaturate by 10%, it is **69.0379, 0.3493, 0.3491**.

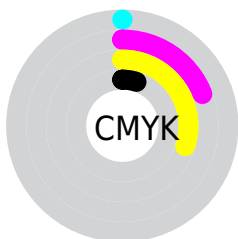
Distribution



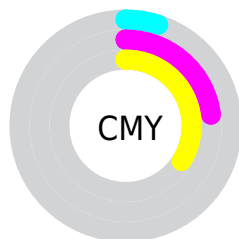
- Red (95%)
- Green (77%)
- Blue (66%)



- Red (95%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0078, 0.3720, 0.3597 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 61.0078, 0.3720, 0.3597 by changing the saturation by 10% instead.

 61.0078, 0.3720,
0.3597


 61.0078, 0.3720,
0.3597

428.3026, 0.3435,
0.3457

 44.2315, 0.3787,
0.3628

 106.2902, 0.3619,
0.3549

 30.8525, 0.3872,
0.3666


 135.5651, 0.3580,
0.3530

 20.4866, 0.3981,
0.3712

169.7750, 0.3547,
0.3514

 12.7492, 0.4125,
0.3770

209.3042, 0.3519,
0.3500

 7.2561, 0.4326,
0.3843

254.5372, 0.3494,
0.3487

 3.6228, 0.4620,
0.3933

305.8583, 0.3472,

 1.4649, 0.5434,

0.3476

0.4308

363.6520, 0.3452,
0.3466

0.2638, 0.6743,
0.3257

0.0000, 0.0000,
0.0000

61.0078, 0.3720,
0.3597

61.0078, 0.3720,
0.3597

53.8148, 0.3980,
0.3702

69.0379, 0.3493,
0.3491

47.4220, 0.4274,
0.3799

77.9235, 0.3298,
0.3389

41.8018, 0.4594,
0.3879

87.6932, 0.3132,
0.3293

36.9219, 0.4928,
0.3928

97.4471, 0.3042,
0.3290

■ 32.7469, 0.5254,
0.3934

■ 29.2377, 0.5543,
0.3888

■ 26.4190, 0.5772,
0.3799

Harmonies

Analogous

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



61.0078, 0.3676, 0.3356



61.0078, 0.3720, 0.3597



61.0078, 0.3598, 0.3773

Triad

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



61.0078, 0.3720, 0.3597



61.0078, 0.2781, 0.3470



61.0078, 0.2888, 0.2807

Complementary

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



61.0078, 0.3720, 0.3597



62.3023, 0.2653, 0.2960

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.



61.0078, 0.2667, 0.2814



61.0078, 0.3720, 0.3597



61.0078, 0.2607, 0.3183

Square

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



61.0078, 0.3720, 0.3597



61.0078, 0.3050, 0.3712



61.0078, 0.2567, 0.2946



61.0078, 0.3183, 0.2915

Rectangle

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



61.0078, 0.3720, 0.3597



61.0078, 0.3442, 0.3824



61.0078, 0.2567, 0.2946



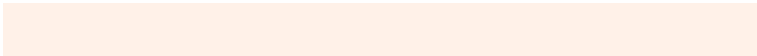
61.0078, 0.2803, 0.2796

Sweetspot

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



61.0106, 0.3720, 0.3597



89.9057, 0.3276, 0.3377



51.5888, 0.3385, 0.2796



18.9109, 0.3302, 0.3391



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.



61.0106, 0.3720, 0.3597



64.4669, 0.3867, 0.3659



78.8553, 0.3613, 0.3956



16.7514, 0.3284, 0.3381



14.5628, 0.5743, 0.3822



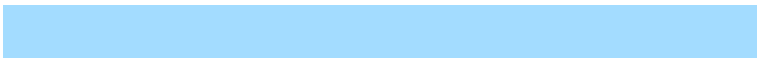
1.3981, 0.5498, 0.4017

Inverse Universe

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



62.3023, 0.2653, 0.2960



66.1274, 0.2564, 0.2886



46.4242, 0.2603, 0.2523



16.8527, 0.2980, 0.3197



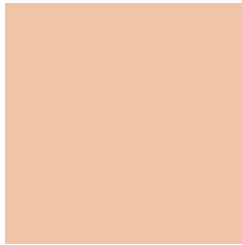
15.3144, 0.1885, 0.1984



1.4658, 0.1938, 0.2175

Previews

White Background



This preview shows how the Yxy color 61.0078, 0.3720, 0.3597 looks on a white background.

Color Contrast Check

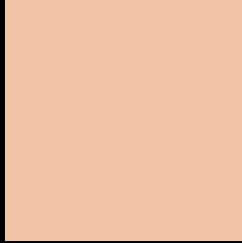
Large Text (above 18pt) WCAG AA × Fail

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 61.0078, 0.3720, 0.3597 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 61.0078, 0.3720, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 61.0078, 0.3720, 0.3597.



This preview shows how white text looks on a background with the Yxy color 61.0078, 0.3720, 0.3597.

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

61.0078, 0.3720, 0.3597

Protanopia

61.2401, 0.3456, 0.3675

Deuteranopia

60.9368, 0.3691, 0.3611



Tritanopia

61.0819, 0.3462, 0.3142

Trichromacy



Original Color

61.0078, 0.3720, 0.3597

Protanomaly

61.1889, 0.3545, 0.3644

Deuteranomaly

61.1104, 0.3700, 0.3610

Tritanomaly

61.1788, 0.3556, 0.3302

Monochromacy



Original Color

61.0078, 0.3720, 0.3597

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1069, 0.3335, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0078, 0.3720, 0.3597 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(241, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(241, 196, 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(241, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 196, 168) }
```

Border

The CSS property to change the border of an element to Yxy 61.0078, 0.3720, 0.3597 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(241, 196, 168) }
```

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

```
.border{ border-color:rgb(241, 196, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 196, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 196, 168); box-shadow:4px 4px 4px 4px rgb(241, 196, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0078, 0.3720, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 196, 168) }
```

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

```
.background{ background-color: rgb(241,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor