

Converting Colors

$Yxy(61.7340, 0.3802, 0.3727)$

Have a look what the booklet for
Yxy(61.7340, 0.3802, 0.3727)
contains.

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Color

Yxy(61.7340, 0.3802, 0.3727)

Conversions

Conversions Part 1

Format	Color
Hex	F2C69E
RGB	242, 198, 158
RGB Percent	95%, 78%, 62%
CMY	0.0511, 0.2235, 0.3805
CMYK	0.00, 0.18, 0.35, 0.05
HSL	29°, 76%, 78%
HSV	29°, 35%, 95%
XYZ	62.9763, 61.7340, 40.9296
YIQ	206.5960, 39.0640, -3.1120

Conversions

Conversions Part 2

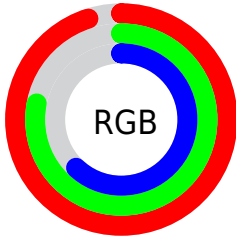
Format	Color
R_{YB}	242, 234, 158
Decimal	15910558
CIE _{Lab}	82.77, 10.16, 25.96
CIE _{LCh}	83, 27.871, 68.631
Y _{xy}	61.7340, 0.3802, 0.3727
Android (android.graphics.Color)	4294100638 (0xFFFF2C69E)
YUV	206.5960, -23.9578, 31.0493
Hunter-Lab	78.5710, 5.5723, 24.1140

Details

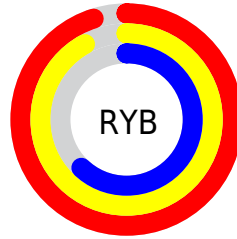
The Yxy color $61.7340, 0.3802, 0.3727$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.8853, 0.2572, 0.2806$, and the grayscale version is $62.2608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5841, 0.3376, 0.3701$, and $31.3014, 0.3981, 0.3825$ is the 20% darker color. If you saturate the color by 10%, you get $55.4344, 0.4054, 0.3854$, and if you desaturate by 10%, it is $68.6874, 0.3576, 0.3597$.

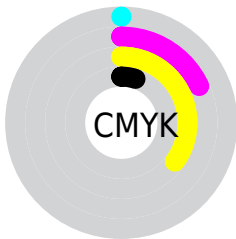
Distribution



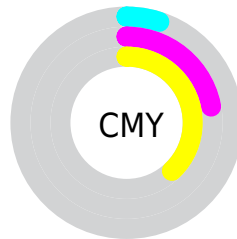
- Red (95%)
- Green (78%)
- Blue (62%)



- Red (95%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7340, 0.3802, 0.3727 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 61.7340, 0.3802, 0.3727 by changing the saturation by 10% instead.


 61.7340, 0.3802,
0.3727


 61.7340, 0.3802,
0.3727


430.9601, 0.3480,
0.3527

 44.8178, 0.3877,
0.3771

 107.3410, 0.3689,
0.3659

 31.3139, 0.3971,
0.3825


 136.8006, 0.3645,
0.3632

 20.8380, 0.4091,
0.3890


171.2101, 0.3607,
0.3608

 13.0057, 0.4248,
0.3972

210.9539, 0.3575,
0.3588

 7.4324, 0.4461,
0.4074

256.4164, 0.3547,
0.3570

 3.7340, 0.4760,
0.4195

307.9820, 0.3522,

 1.5259, 0.5462,

0.3554

0.4538

366.0351, 0.3500,
0.3540

0.3069, 0.6375,
0.3625

0.0000, 0.0000,
0.0000

61.7340, 0.3802,
0.3727

61.7340, 0.3802,
0.3727

55.4344, 0.4054,
0.3854

68.6874, 0.3576,
0.3597

49.7586, 0.4328,
0.3967

76.3063, 0.3376,
0.3468

44.6865, 0.4616,
0.4057

84.6128, 0.3201,
0.3345

40.1933, 0.4902,
0.4109

93.6251, 0.3050,
0.3230

■ 36.2517, 0.5169,
0.4112

■ 97.6138, 0.3047,
0.3290

■ 32.8305, 0.5396,
0.4059

■ 31.2150, 0.5501,
0.4014

Harmonies

Analogous

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



61.7340, 0.3817, 0.3458



61.7340, 0.3802, 0.3727



61.7340, 0.3599, 0.3900

Triad

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



61.7340, 0.3802, 0.3727



61.7340, 0.2637, 0.3391



61.7340, 0.2949, 0.2752

Complementary

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



61.7340, 0.3802, 0.3727



55.8853, 0.2572, 0.2806

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.



61.7340, 0.2655, 0.2713



61.7340, 0.3802, 0.3727



61.7340, 0.2483, 0.3058

Square

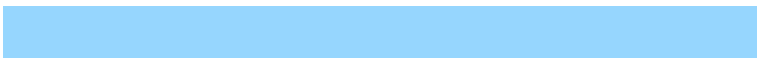
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7340, 0.3802, 0.3727



61.7340, 0.2923, 0.3714



61.7340, 0.2490, 0.2817



61.7340, 0.3309, 0.2915

Rectangle

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



61.7340, 0.3802, 0.3727



61.7340, 0.3391, 0.3925



61.7340, 0.2490, 0.2817



61.7340, 0.2840, 0.2724

Sweetspot

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



61.7369, 0.3802, 0.3727



90.2445, 0.3291, 0.3410



47.6180, 0.3513, 0.2807



19.0362, 0.3316, 0.3427



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.



61.7369, 0.3802, 0.3727



64.2203, 0.3986, 0.3821



83.1798, 0.3660, 0.4130



17.0019, 0.3281, 0.3403



17.0419, 0.5475, 0.4035



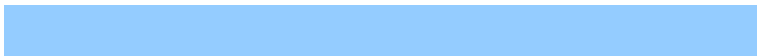
1.6157, 0.5262, 0.4204

Inverse Universe

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



55.8853, 0.2572, 0.2806



56.6670, 0.2453, 0.2682



39.0848, 0.2502, 0.2283



16.5976, 0.2980, 0.3175



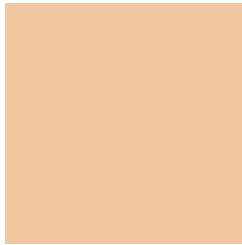
11.8243, 0.1794, 0.1657



1.1829, 0.1858, 0.1887

Previews

White Background



This preview shows how the Yxy color 61.7340, 0.3802, 0.3727 looks on a white background.

Color Contrast Check

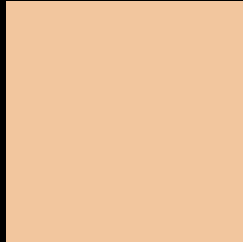
Large Text (above 18pt) WCAG AA × Fail

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 61.7340, 0.3802, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

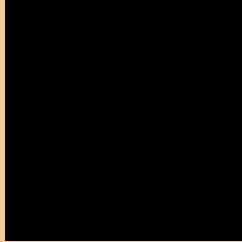
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7340, 0.3802, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 61.7340, 0.3802, 0.3727.



This preview shows how white text looks on a background with the Yxy color 61.7340, 0.3802, 0.3727.

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

61.7340, 0.3802, 0.3727

Protanopia

61.9669, 0.3562, 0.3798

Deuteranopia

61.7340, 0.3802, 0.3727



Tritanopia

61.4920, 0.3471, 0.3133

Trichromacy



Original Color

61.7340, 0.3802, 0.3727

Protanomaly

61.7791, 0.3644, 0.3766

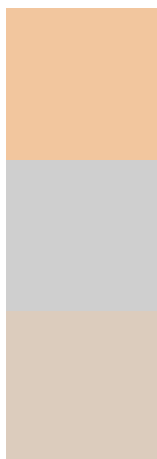
Deuteranomaly

61.7340, 0.3802, 0.3727

Tritanomaly

61.6702, 0.3587, 0.3345

Monochromacy



Original Color

61.7340, 0.3802, 0.3727

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0755, 0.3362, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7340, 0.3802, 0.3727 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(242, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 198, 158)  
}
```

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(242, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 198, 158) }
```

Border

The CSS property to change the border of an element to Yxy 61.7340, 0.3802, 0.3727 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(242, 198, 158) }
```

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

```
.border{ border-color:rgb(242, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 198,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7340, 0.3802, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 198, 158) }
```

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

```
.background{ background-color: rgb(242,  
198, 158) }
```

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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