

Converting Colors

$Yxy(60.7481, 0.3781, 0.3576)$

Have a look what the booklet for
Yxy(60.7481, 0.3781, 0.3576)
contains.

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Color

Yxy(60.5228, 0.3780, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	F6C1A7
RGB	246, 193, 167
RGB Percent	96%, 76%, 65%
CMY	0.0354, 0.2431, 0.3451
CMYK	0.00, 0.22, 0.32, 0.04
HSL	20°, 81%, 81%
HSV	20°, 32%, 96%
XYZ	64.0471, 60.5228, 44.8668
YIQ	205.8830, 39.9340, 3.1500

Conversions

Conversions Part 2

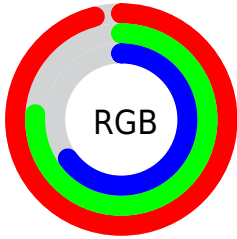
Format	Color
R _Y B	246, 206, 167
Decimal	16171431
CIE Lab	82.12, 15.42, 20.35
CIE LCh	82, 25.527, 52.852
Yxy	60.5228, 0.3780, 0.3572
Android (android.graphics.Color)	4294361511 (0xFFFF6C1A7)
YUV	205.8830, -19.1693, 35.1826
Hunter-Lab	77.7964, 10.8092, 20.2637

Details

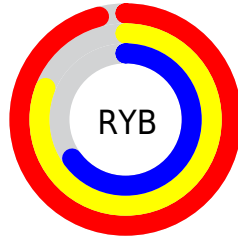
The Yxy color $60.5228, 0.3780, 0.3572$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $66.0424, 0.2631, 0.2988$, and the grayscale version is $61.7497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.9051, 0.3328, 0.3564$, and $30.3944, 0.3946, 0.3627$ is the 20% darker color. If you saturate the color by 10%, you get $52.8080, 0.4059, 0.3662$, and if you desaturate by 10%, it is $69.2300, 0.3539, 0.3480$.

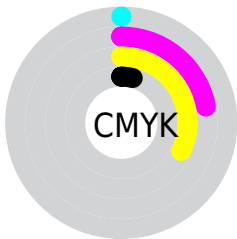
Distribution



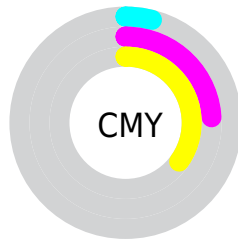
- Red (96%)
- Green (76%)
- Blue (65%)



- Red (96%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (32%)
- Black (4%)




- Cyan (4%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5228, 0.3780, 0.3572 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 60.5228, 0.3780, 0.3572 by changing the saturation by 10% instead.


 60.5228, 0.3780,
0.3572


 60.5228, 0.3780,
0.3572


426.5221, 0.3465,
0.3446

 43.8402, 0.3855,
0.3599

 105.5877, 0.3668,
0.3529

 30.5449, 0.3948,
0.3632


 134.7387, 0.3626,
0.3512

 20.2525, 0.4069,
0.3672


168.8147, 0.3589,
0.3498

 12.5787, 0.4230,
0.3720

208.2000, 0.3558,
0.3485

 7.1391, 0.4453,
0.3778

253.2789, 0.3530,
0.3473

 3.5493, 0.4780,
0.3843

304.4360, 0.3506,

 1.4248, 0.5699,

0.3463

0.4187

362.0556, 0.3485,
0.3454

0.2349, 0.7185,
0.2815

0.0000, 0.0000,
0.0000

60.5228, 0.3780,
0.3572

60.5228, 0.3780,
0.3572

52.8080, 0.4059,
0.3662

69.2300, 0.3539,
0.3480

46.0407, 0.4377,
0.3743

78.9557, 0.3334,
0.3391

40.1849, 0.4724,
0.3805

89.7352, 0.3160,
0.3307

35.1988, 0.5085,
0.3836

98.3300, 0.3072,
0.3290

■ 31.0368, 0.5431,
0.3823

■ 27.6481, 0.5729,
0.3760

■ 25.4754, 0.5919,
0.3683

Harmonies

Analogous

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



60.5228, 0.3694, 0.3304



60.5228, 0.3780, 0.3572



60.5228, 0.3680, 0.3786

Triad

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



60.5228, 0.3780, 0.3572



60.5228, 0.2802, 0.3548



60.5228, 0.2808, 0.2756

Complementary

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



60.5228, 0.3780, 0.3572



66.0424, 0.2631, 0.2988

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.



60.5228, 0.2593, 0.2790



60.5228, 0.3780, 0.3572



60.5228, 0.2589, 0.3234

Square

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



60.5228, 0.3780, 0.3572



60.5228, 0.3108, 0.3792



60.5228, 0.2515, 0.2958



60.5228, 0.3119, 0.2850

Rectangle

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



60.5228, 0.3780, 0.3572



60.5228, 0.3526, 0.3864



60.5228, 0.2515, 0.2958



60.5228, 0.2723, 0.2753

Sweetspot

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



60.5256, 0.3780, 0.3572



88.0344, 0.3295, 0.3373



52.4480, 0.3371, 0.2726



18.5030, 0.3321, 0.3385



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.



60.5256, 0.3780, 0.3572



59.7396, 0.3971, 0.3635



79.8148, 0.3656, 0.3959



17.3738, 0.3285, 0.3369



13.8275, 0.5889, 0.3706



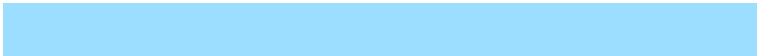
1.3956, 0.5646, 0.3899

Inverse Universe

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



66.0424, 0.2631, 0.2988



66.6189, 0.2528, 0.2910



48.1136, 0.2573, 0.2517



17.7844, 0.2980, 0.3210



18.1808, 0.1938, 0.2176



1.7854, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 60.5228, 0.3780, 0.3572 looks on a white background.

Color Contrast Check

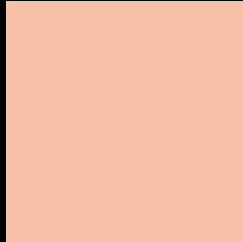
Large Text (above 18pt) WCAG AA × Fail

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 60.5228, 0.3780, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

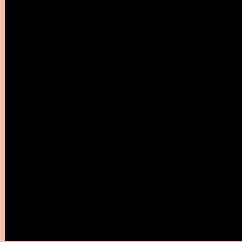
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5228, 0.3780, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 60.5228, 0.3780, 0.3572.



This preview shows how white text looks on a background with the Yxy color 60.5228, 0.3780, 0.3572.

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

60.5228, 0.3780, 0.3572

Protanopia

60.6114, 0.3450, 0.3665

Deuteranopia

60.6902, 0.3699, 0.3634



Tritanopia

60.5547, 0.3534, 0.3144

Trichromacy



Original Color

60.5228, 0.3780, 0.3572

Protanomaly

60.3796, 0.3566, 0.3633

Deuteranomaly

60.7583, 0.3728, 0.3620

Tritanomaly

60.6408, 0.3630, 0.3302

Monochromacy



Original Color

60.5228, 0.3780, 0.3572

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9512, 0.3352, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5228, 0.3780, 0.3572 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(246, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 167)  
}
```

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(246, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 167) }
```

Border

The CSS property to change the border of an element to Yxy 60.5228, 0.3780, 0.3572 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(246, 193, 167) }
```

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

```
.border{ border-color:rgb(246, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 167);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5228, 0.3780, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 167) }
```

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

```
.background{ background-color: rgb(246,  
193, 167) }
```

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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