

Converting Colors

$Yxy(60.9195, 0.4103, 0.3979)$

Have a look what the booklet for
Yxy(60.9195, 0.4103, 0.3979)
contains.

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Color

Yxy(60.9392, 0.4110, 0.3981)

Conversions

Conversions Part 1

Format	Color
Hex	FAC381
RGB	250, 195, 129
RGB Percent	98%, 76%, 51%
CMY	0.0194, 0.2353, 0.4940
CMYK	0.00, 0.22, 0.48, 0.02
HSL	33°, 92%, 74%
HSV	33°, 48%, 98%
XYZ	62.9139, 60.9392, 29.2220
YIQ	203.9210, 53.9660, -8.8660

Conversions

Conversions Part 2

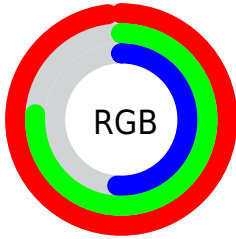
Format	Color
R_{YB}	230, 250, 129
Decimal	16434049
CIE _{Lab}	82.35, 11.85, 40.56
CIE _{LCh}	82, 42.250, 73.716
Yxy	60.9392, 0.4110, 0.3981
Android (android.graphics.Color)	4294624129 (0xFFFA _{C381})
YUV	203.9210, -36.9361, 40.4113
Hunter-Lab	78.0636, 7.2475, 32.4501

Details

The Yxy color **60.9392, 0.4110, 0.3981** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.8850, 0.2332, 0.2462**, and the grayscale version is **60.5476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2997, 0.3563, 0.3972**, and **30.6762, 0.4348, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **55.4522, 0.4366, 0.4103**, and if you desaturate by 10%, it is **66.9830, 0.3867, 0.3841**.

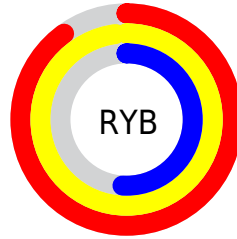
Distribution



Red (98%)

Green (76%)

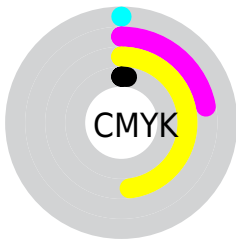
Blue (51%)



Red (90%)

Yellow (98%)

Blue (51%)

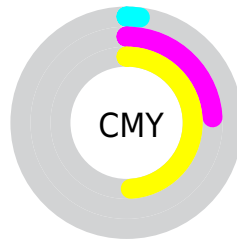


Cyan (0%)

Magenta (22%)

Yellow (48%)

Black (2%)



Cyan (2%)


Magenta (24%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9392, 0.4110, 0.3981 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 60.9392, 0.4110, 0.3981 by changing the saturation by 10% instead.


 60.9392, 0.4110,
0.3981


 60.9392, 0.4110,
0.3981


428.0510, 0.3646,
0.3673


 44.1761, 0.4215,
0.4045


 106.1909, 0.3949,
0.3878

 30.8090, 0.4343,
0.4120


 135.4483, 0.3887,
0.3837

 20.4534, 0.4501,
0.4207


 169.6392, 0.3833,
0.3801

 12.7251, 0.4698,
0.4305

209.1481, 0.3786,
0.3769

 7.2395, 0.4944,
0.4407

254.3593, 0.3744,
0.3741

 3.6123, 0.5391,
0.4609

305.6573, 0.3708,

 1.4592, 0.5565,

0.3716

0.4435

363.4264, 0.3675,
0.3694

0.2597, 0.6736,
0.3264

0.0000, 0.0000,
0.0000

60.9392, 0.4110,
0.3981

60.9392, 0.4110,
0.3981

55.4522, 0.4366,
0.4103

66.9830, 0.3867,
0.3841

50.4926, 0.4624,
0.4195

73.5941, 0.3643,
0.3694

46.0406, 0.4871,
0.4245

80.7933, 0.3441,
0.3547

42.0707, 0.5090,
0.4242

88.5977, 0.3262,
0.3404

■ 38.5506, 0.5272,
0.4185

■ 97.0234, 0.3103,
0.3269

■ 38.0234, 0.5300,
0.4174

■ 99.0715, 0.3097,
0.3290

Harmonies

Analogous

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



60.9392, 0.4199, 0.3586



60.9392, 0.4110, 0.3981



60.9392, 0.3751, 0.4240

Triad

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



60.9392, 0.4110, 0.3981



60.9392, 0.2339, 0.3340



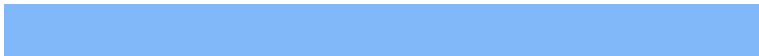
60.9392, 0.2938, 0.2532

Complementary

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



60.9392, 0.4110, 0.3981



45.8850, 0.2332, 0.2462

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.



60.9392, 0.2483, 0.2436



60.9392, 0.4110, 0.3981



60.9392, 0.2162, 0.2846

Square

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



60.9392, 0.4110, 0.3981



60.9392, 0.2725, 0.3877



60.9392, 0.2213, 0.2535



60.9392, 0.3489, 0.2791

Rectangle

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



60.9392, 0.4110, 0.3981



60.9392, 0.3419, 0.4267



60.9392, 0.2213, 0.2535



60.9392, 0.2770, 0.2480

Sweetspot

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



60.9421, 0.4110, 0.3981



87.1731, 0.3378, 0.3498



39.5614, 0.3829, 0.2700



18.2978, 0.3417, 0.3528



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.



60.9421, 0.4110, 0.3981



58.1704, 0.4357, 0.4099



89.5762, 0.3812, 0.4483



18.7933, 0.3280, 0.3419



20.4531, 0.5277, 0.4192



2.1063, 0.5112, 0.4323

Inverse Universe

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



45.8850, 0.2332, 0.2462



40.7713, 0.2179, 0.2259



27.6018, 0.2225, 0.1765



17.9437, 0.2979, 0.3157



10.2912, 0.1730, 0.1428



1.1620, 0.1793, 0.1655

Previews

White Background



This preview shows how the Yxy color 60.9392, 0.4110, 0.3981 looks on a white background.

Color Contrast Check

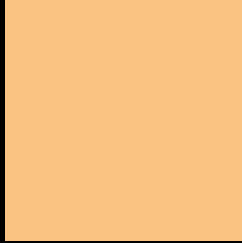
Large Text (above 18pt) WCAG AA × Fail

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 60.9392, 0.4110, 0.3981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

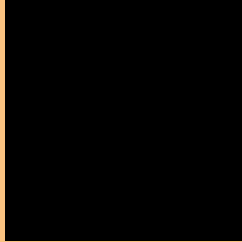
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9392, 0.4110, 0.3981

Background



This preview shows how black text looks on a background with the Yxy color 60.9392, 0.4110, 0.3981.



This preview shows how white text looks on a background with the Yxy color 60.9392, 0.4110, 0.3981.

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

60.9392, 0.4110, 0.3981

Protanopia

61.0441, 0.3804, 0.4110

Deuteranopia

61.0213, 0.4088, 0.3996



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

60.9392, 0.4110, 0.3981

Protanomaly

60.7629, 0.3913, 0.4054

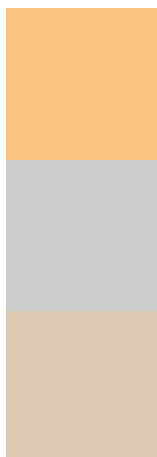
Deuteranomaly

61.2046, 0.4096, 0.3994

Tritanomaly

60.8047, 0.3782, 0.3450

Monochromacy



Original Color

60.9392, 0.4110, 0.3981

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3198, 0.3468, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9392, 0.4110, 0.3981 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(250, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 129)  
}
```

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(250, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 129) }
```

Border

The CSS property to change the border of an element to Yxy 60.9392, 0.4110, 0.3981 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(250, 195, 129) }
```

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

```
.border{ border-color:rgb(250, 195, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 129);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9392, 0.4110, 0.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 129) }
```

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

```
.background{ background-color: rgb(250,  
195, 129) }
```

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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