

Converting Colors

YUV(199.1410, -43.9465,
48.9883)

Have a look what the booklet for
YUV(199.1410, -43.9465, 48.9883)
contains.

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Color

**YUV(199.1410, -43.9465,
48.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC6E
RGB	255, 188, 110
RGB Percent	100%, 74%, 43%
CMY	0.0000, 0.2627, 0.5686
CMYK	0.00, 0.26, 0.57, 0.00
HSL	32°, 100%, 72%
HSV	32°, 57%, 100%
XYZ	62.0377, 58.3522, 22.7452
YIQ	199.1410, 64.9700, -10.0540

Conversions

Conversions Part 2

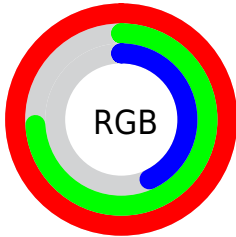
Format	Color
R_{YB}	235, 255, 110
Decimal	16759918
CIE _{Lab}	80.93, 15.90, 48.46
CIE _{LCh}	81, 51.000, 71.835
Yxy	58.3522, 0.4334, 0.4077
Android (android.graphics.Color)	4294949998 (0xFFFFBC6E)
YUV	199.1410, -43.9465, 48.9883
Hunter-Lab	76.3886, 11.2856, 35.8181

Details

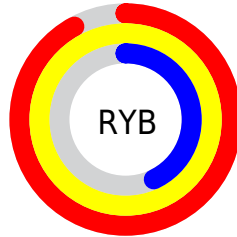
The YUV color **199.1410, -43.9465, 48.9883** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **165.8590, 43.9465, -48.9883**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0550, -37.0021, 14.8608**, and **144.2760, -42.0411, 44.4849** is the 20% darker color. If you saturate the color by 10%, you get **189.2470, -51.3938, 57.6654**, and if you desaturate by 10%, it is **209.1490, -36.0625, 40.2113**.

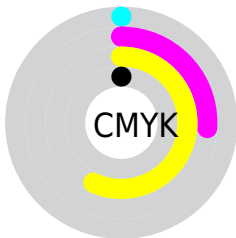
Distribution



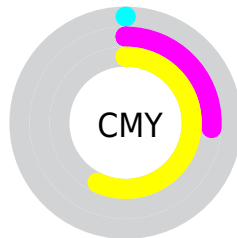
- Red (100%)
- Green (74%)
- Blue (43%)



- Red (92%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1410, -43.9465, 48.9883 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 YUV color 199.1410, -43.9465, 48.9883 by changing the saturation by 10% instead.

199.1410,
-43.9465, 48.9883

199.1410,
-43.9465, 48.9883

255.0000, 0.0000,
0.0000

171.3580,
-43.0675, 47.0440

238.0550,
-37.0021, 14.8608

144.2760,
-42.0411, 44.4849

247.7040,
-27.9551, 6.3986

117.4930,
-41.1620, 42.5406

250.8960,
-15.7247, 3.5992

91.3140, -43.0458,
40.0666

254.2020, -3.0576,
0.6998

68.9850, -34.0096,
35.0932

47.6990, -23.5156,
29.2050

27.2990, -13.4584,

23.4168

■ 9.5680, -4.7170,
19.6729

■ 0.0000, 0.0000,
0.0000

■ 199.1410,
-43.9465, 48.9883

■ 199.1410,
-43.9465, 48.9883

■ 189.2470,
-51.3938, 57.6654

■ 209.1490,
-36.0625, 40.2113

■ 179.2390,
-59.2778, 66.4424

■ 219.0430,
-28.6152, 31.5343

■ 169.8180,
-67.4513, 74.7046

■ 228.4640,
-20.4418, 23.2721

■ 159.9240,
-74.8985, 83.3817

■ 238.3580,
-12.9945, 14.5950

156.6640,
-77.2354, 86.2407

248.3660, -5.1104,
5.8180

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



193.1690, -26.2123, 54.2258



199.1410, -43.9465, 48.9883



195.1060, -44.4223, 14.8160

Triad

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



199.1410, -43.9465, 48.9883



157.6280, 30.2564, -138.2398



204.0870, 25.1001, 22.7257

Complementary

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



199.1410, -43.9465, 48.9883



165.8590, 43.9465, -48.9883

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.



193.4240, 30.3570, -30.1898



199.1410, -43.9465, 48.9883



159.9710, 46.8493, -140.2946

Square

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



199.1410, -43.9465, 48.9883



178.6750, -4.2768, -75.1370



167.2460, 43.2627, -109.8407



200.1350, 15.7094, 48.1166

Rectangle

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



199.1410, -43.9465, 48.9883



191.5910, -36.7734, -11.9193



167.2460, 43.2627, -109.8407



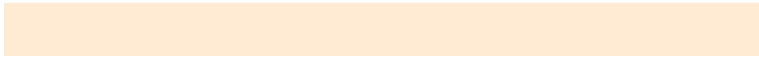
201.3300, 26.4593, 6.7266

Sweetspot

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



199.1410, -43.9465, 48.9883



238.3580, -12.9945, 14.5950



161.1070, 8.3282, 82.3442



117.9920, -7.8841, 8.7770



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.1410, -43.9465, 48.9883



188.3180, -52.4148, 58.4801



236.9750, -62.5987, 11.4229



122.9960, -3.9420, 4.3885



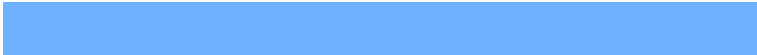
117.5700, -57.9620, 64.3981



39.0940, -19.2733, 21.8426

Inverse Universe

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



165.8590, 43.9465, -48.9883



148.6820, 52.4148, -58.4801



128.0250, 62.5987, -11.4229



120.0040, 3.9420, -4.3885



73.4300, 57.9620, -64.3981



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 199.1410, -43.9465, 48.9883 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 YUV color 199.1410, -43.9465, 48.9883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

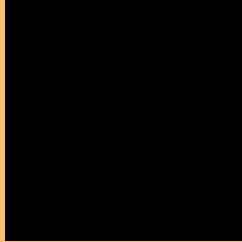
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.1410, -43.9465, 48.9883

Background



This preview shows how black text looks on a background with the YUV color 199.1410, -43.9465, 48.9883.



This preview shows how white text looks on a background with the YUV color 199.1410, -43.9465,

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

199.1410, -43.9465, 48.9883

Protanopia

197.1760, -40.5128, 20.8936

Deuteranopia

198.6840, -44.2142, 41.4961



Tritanopia

204.4940, -5.6665, 44.2938

Trichromacy



Original Color

199.1410, -43.9465, 48.9883

Protanomaly

197.6010, -41.7083, 31.0449

Deuteranomaly

198.9940, -44.3670, 43.8553

Tritanomaly

202.8350, -19.6387, 45.7487

Monochromacy



Original Color

199.1410, -43.9465, 48.9883

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9840, -15.7681, 17.5540

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1410, -43.9465, 48.9883 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(255, 188, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 110)  
}
```

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(255, 188, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 110) }
```

Border

The CSS property to change the border of an element to YUV 199.1410, -43.9465, 48.9883 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(255, 188, 110) }
```


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

```
.border{ border-color:rgb(255, 188, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 199.1410, -43.9465, 48.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 110) }
```

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

```
.background{ background-color: rgb(255,  
188, 110) }
```

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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