

Converting Colors

YUV(192.3390, -13.9711,
47.9377)

Have a look what the booklet for
YUV(192.3390, -13.9711, 47.9377)
contains.

YUV(192.3390, -13.9711, 47.9377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(192.3390, -13.9711,
47.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AAA4
RGB	247, 170, 164
RGB Percent	97%, 67%, 64%
CMY	0.0314, 0.3333, 0.3569
CMYK	0.00, 0.31, 0.34, 0.03
HSL	4°, 84%, 81%
HSV	4°, 34%, 97%
XYZ	59.4333, 51.2039, 41.8728
YIQ	192.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

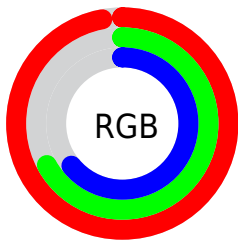
Format	Color
R _Y B	247, 170, 164
Decimal	16231076
CIE Lab	76.80, 27.55, 14.56
CIE LCh	77, 31.165, 27.858
Yxy	51.2039, 0.3897, 0.3357
Android (android.graphics.Color)	4294421156 (0xFFF7AAA4)
YUV	192.3390, -13.9711, 47.9377
Hunter-Lab	71.5569, 23.0329, 15.3952

Details

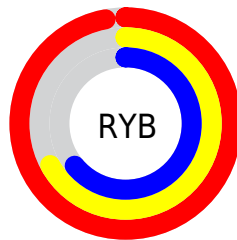
The YUV color $192.3390, -13.9711, 47.9377$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $218.6610, 13.9711, -47.9377$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.8730, -7.3324, 18.5284$, and $137.9580, -12.7973, 44.7638$ is the 20% darker color. If you saturate the color by 10%, you get $175.9880, -18.2351, 62.2775$, and if you desaturate by 10%, it is $208.6900, -9.7072, 33.5979$.

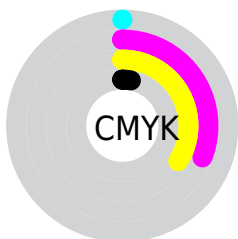
Distribution



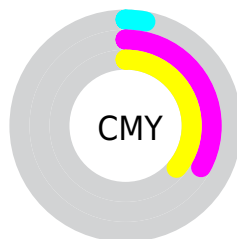
- Red (97%)
- Green (67%)
- Blue (64%)



- Red (97%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.3390, -13.9711, 47.9377 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 192.3390, -13.9711, 47.9377 by changing the saturation by 10% instead.

192.3390,
-13.9711, 47.9377

192.3390,
-13.9711, 47.9377

255.0000, 0.0000,
0.0000

164.8550,
-13.2395, 46.6082

233.8730, -7.3324,
18.5284

137.9580,
-12.7973, 44.7638

254.0880, -3.4944,
0.7998

111.8760,
-11.7709, 42.2047

87.0930, -10.8918,
40.2604

62.4240, -9.5760,
38.2162

38.4560, -8.1128,
35.5571

16.1460, -7.9600,

33.1980

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 192.3390,
-13.9711, 47.9377

■ 192.3390,
-13.9711, 47.9377

■ 175.9880,
-18.2351, 62.2775

■ 208.6900, -9.7072,
33.5979

■ 159.7510,
-22.0622, 76.5174

■ 224.9270, -5.8800,
19.3580

■ 143.4000,
-26.3262, 90.8572

■ 241.2780, -1.6161,
5.0182

■ 127.0490,
-30.5902, 105.1970

■ 252.6080, 1.1793,
-4.9182

■ 110.6980,
-34.8541, 119.5369

■ 95.0480, -38.9707,
133.2619

■ 84.4190, -41.6186,
142.5835

Harmonies

Analogous

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



193.5740, -0.2830, 44.2236



192.3390, -13.9711, 47.9377



190.3520, -23.8375, 39.1563

Triad

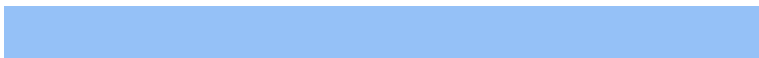
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192.3390, -13.9711, 47.9377



180.8380, -11.2591, -28.7989



186.0000, 30.0730, -32.4490

Complementary

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



192.3390, -13.9711, 47.9377



218.6610, 13.9711, -47.9377

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.



178.6070, 29.2807, -58.4143



192.3390, -13.9711, 47.9377



176.5220, 4.6727, -52.2008

Square

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



192.3390, -13.9711, 47.9377



185.2020, -23.2706, -2.8082



174.4460, 19.9931, -66.1661



191.8900, 23.7182, -0.7805

Rectangle

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



192.3390, -13.9711, 47.9377



189.3630, -27.2940, 27.7456



174.4460, 19.9931, -66.1661



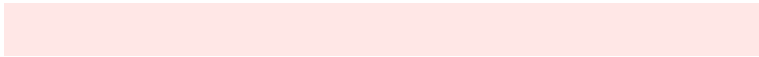
183.6460, 30.2475, -41.7855

Sweetspot

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



192.3390, -13.9711, 47.9377



238.0620, -3.9746, 14.8546



197.5950, 21.3987, 43.3282



117.3710, -2.6479, 9.3216



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.



192.3390, -13.9711, 47.9377



187.6070, -17.0613, 59.1037



216.4060, -25.8362, 26.8309



114.1750, -2.0583, 6.8625



63.2450, -31.1798, 107.6561



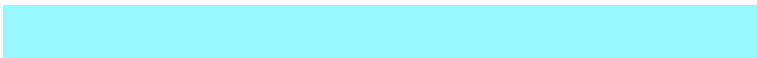
19.9890, -9.8546, 34.2126

Inverse Universe

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



218.6610, 13.9711, -47.9377



220.3930, 17.0613, -59.1037



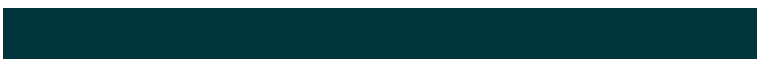
194.5940, 25.8362, -26.8309



118.4120, 1.7689, -7.3773



122.7550, 31.1798, -107.6561



38.4240, 10.1440, -33.6978

Previews

White Background



This preview shows how the YUV color 192.3390, -13.9711, 47.9377 looks on a white background.

Color Contrast Check

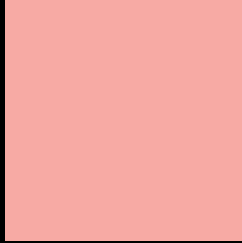
Large Text (above 18pt) WCAG AA × Fail

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 192.3390, -13.9711, 47.9377 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 192.3390, -13.9711, 47.9377

Background



This preview shows how black text looks on a background with the YUV color 192.3390, -13.9711, 47.9377.



This preview shows how white text looks on a background with the YUV color 192.3390, -13.9711,

47.9377.

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

192.3390, -13.9711, 47.9377

Protanopia

189.6820, -7.7312, 6.4179

Deuteranopia

191.0710, -14.3320, 23.6167



Tritanopia

193.5870, -6.6984, 48.5972

Trichromacy



Original Color

192.3390, -13.9711, 47.9377

Protanomaly

190.4990, -10.1060, 21.4874

Deuteranomaly

191.5390, -14.0697, 32.8533

Tritanomaly

193.1910, -9.4612, 48.0675

Monochromacy



Original Color

192.3390, -13.9711, 47.9377

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1440, -5.0010, 17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.3390, -13.9711, 47.9377 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(247, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(247, 170, 164)  
}
```

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(247, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 170, 164) }
```

Border

The CSS property to change the border of an element to YUV 192.3390, -13.9711, 47.9377 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(247, 170, 164) }
```


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

```
.border{ border-color:rgb(247, 170, 164) }
```

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

Here you see how a box with a 4 pixel rgb(247, 170, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(247, 170,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 192.3390, -13.9711, 47.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 170, 164) }
```

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

```
.background{ background-color: rgb(247,  
170, 164) }
```

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