

Converting Colors

YUV(192.8340, -14.7082,
51.0116)

Have a look what the booklet for
YUV(192.8340, -14.7082, 51.0116)
contains.

| | |
|--|----|
| YUV(192.8340, -14.7082, 51.0116) | 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(192.8340, -14.7082,
51.0116)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FBA9A3 |
| RGB | 251, 169, 163 |
| RGB Percent | 98%, 66%, 64% |
| CMY | 0.0157, 0.3373, 0.3608 |
| CMYK | 0.00, 0.33, 0.35, 0.02 |
| HSL | 4°, 92%, 81% |
| HSV | 4°, 35%, 98% |
| XYZ | 60.5825, 51.5295, 41.4035 |
| YIQ | 192.8340, 50.7980, 15.5180 |

Conversions

Conversions Part 2

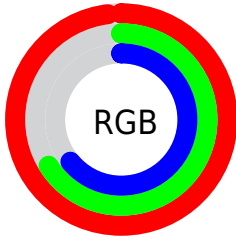
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 169, 163 |
| Decimal | 16492963 |
| CIE Lab | 77.00, 29.45, 15.45 |
| CIE LCh | 77, 33.251, 27.681 |
| Yxy | 51.5295, 0.3946, 0.3357 |
| Android (android.graphics.Color) | 4294683043 (0xFFFBA9A3) |
| YUV | 192.8340, -14.7082, 51.0116 |
| Hunter-Lab | 71.7841, 25.0238, 16.0517 |

Details

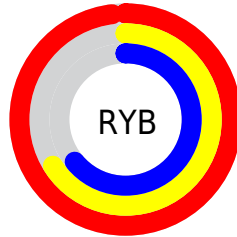
The YUV color **192.8340, -14.7082, 51.0116** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.1660, 14.7082, -51.0116**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1720, -7.4798, 19.1432**, and **138.1540, -13.3869, 47.2229** is the 20% darker color. If you saturate the color by 10%, you get **176.4830, -18.9721, 65.3514**, and if you desaturate by 10%, it is **209.1850, -10.4442, 36.6718**.

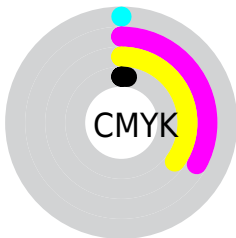
Distribution



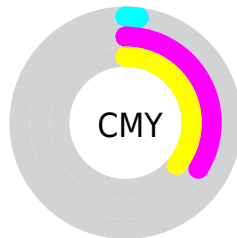
- Red (98%)
- Green (66%)
- Blue (64%)



- Red (98%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8340, -14.7082, 51.0116 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 192.8340, -14.7082, 51.0116 by changing the saturation by 10% instead.

192.8340,
-14.7082, 51.0116

192.8340,
-14.7082, 51.0116

255.0000, 0.0000,
0.0000

165.0510,
-13.8291, 49.0673

233.1720, -7.4798,
19.1432

138.1540,
-13.3869, 47.2229

253.3870, -3.6418,
1.4146

112.3710,
-12.5079, 45.2786

86.7020, -11.1921,
43.2343

62.6200, -10.1657,
40.6753

38.0650, -8.4130,
38.5310

17.0430, -8.4022,

35.0423

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 192.8340,
-14.7082, 51.0116

■ 192.8340,
-14.7082, 51.0116

■ 176.4830,
-18.9721, 65.3514

■ 209.1850,
-10.4442, 36.6718

■ 159.5450,
-22.9467, 80.2060

■ 226.1230, -6.4696,
21.8171

■ 143.1940,
-27.2106, 94.5459

■ 242.4740, -2.2057,
7.4773

■ 126.2560,
-31.1852, 109.4005

■ 253.8040, 0.5896,
-2.4591

■ 109.7910,
-35.8860, 123.8403

■ 93.4400, -40.1499,
138.1801

■ 85.0280, -41.9188,
145.5574

Harmonies

Analogous

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



194.2970, -0.1464, 47.0975



192.8340, -14.7082, 51.0116



190.9070, -25.5902, 41.3006

Triad

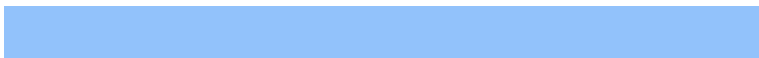
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192.8340, -14.7082, 51.0116



181.1860, -12.4167, -30.8581



186.1460, 31.9730, -35.2080

Complementary

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



192.8340, -14.7082, 51.0116



221.1660, 14.7082, -51.0116

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.



177.1440, 31.4810, -64.1473



192.8340, -14.7082, 51.0116



176.0160, 5.4151, -57.0190

Square

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



192.8340, -14.7082, 51.0116



185.4470, -24.8704, -3.0230



172.6840, 22.3408, -72.5139



192.4600, 25.9022, -1.2804

Rectangle

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



192.8340, -14.7082, 51.0116



189.5050, -29.3360, 29.3751



172.6840, 22.3408, -72.5139



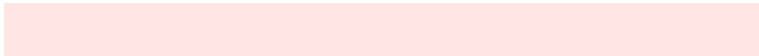
183.3080, 32.8792, -45.8741

Sweetspot

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



192.8340, -14.7082, 51.0116



236.5460, -4.7062, 16.1842



198.6600, 22.8456, 45.9022



116.6700, -2.7953, 9.9364



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.



192.8340, -14.7082, 51.0116



184.1020, -17.7983, 62.1775



218.6620, -27.4414, 28.3604



116.4740, -2.2057, 7.4773



64.1420, -31.6220, 109.5005



20.5870, -10.1494, 35.4422

Inverse Universe

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



221.1660, 14.7082, -51.0116



218.8980, 17.7983, -62.1775



195.3380, 27.4414, -28.3604



120.5260, 2.2057, -7.4773



124.8580, 31.6220, -109.5005



40.4130, 10.1494, -35.4422

Previews

White Background



This preview shows how the YUV color 192.8340, -14.7082, 51.0116 looks on a white background.

Color Contrast Check

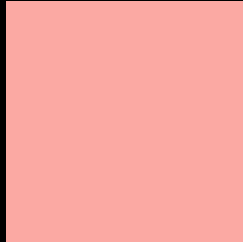
Large Text (above 18pt) WCAG AA × Fail

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 192.8340, -14.7082, 51.0116 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 192.8340, -14.7082, 51.0116

Background



This preview shows how black text looks on a background with the YUV color 192.8340, -14.7082, 51.0116.



This preview shows how white text looks on a background with the YUV color 192.8340, -14.7082, 51.0116.

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

192.8340, -14.7082, 51.0116

Protanopia

190.5680, -8.1680, 6.5179

Deuteranopia

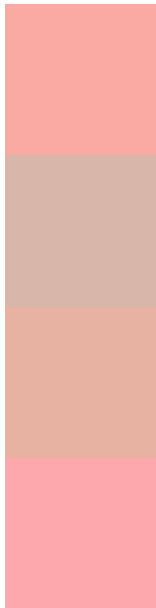
191.4410, -15.5004, 25.0462



Tritanopia

194.0820, -7.4354, 51.6711

Trichromacy



Original Color

192.8340, -14.7082, 51.0116

Protanomaly

191.0970, -10.4008, 22.7169

Deuteranomaly

191.9090, -15.2381, 34.2828

Tritanomaly

193.6860, -10.1982, 51.1414

Monochromacy



Original Color

192.8340, -14.7082, 51.0116

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7420, -5.2958, 18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8340, -14.7082, 51.0116 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(251, 169, 163)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 163)  
}
```

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(251, 169, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 163) }
```

Border

The CSS property to change the border of an element to YUV 192.8340, -14.7082, 51.0116 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(251, 169, 163) }
```


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

```
.border{ border-color:rgb(251, 169, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 163);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 192.8340, -14.7082, 51.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 163) }
```

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

```
.background{ background-color: rgb(251,  
169, 163) }
```

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