

Converting Colors

YUV(194.1550, -38.5304,
38.4521)

Have a look what the booklet for
YUV(194.1550, -38.5304, 38.4521)
contains.

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Color

**YUV(194.1550, -38.5304,
38.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBB74
RGB	238, 187, 116
RGB Percent	93%, 73%, 45%
CMY	0.0667, 0.2667, 0.5451
CMYK	0.00, 0.21, 0.51, 0.07
HSL	35°, 78%, 69%
HSV	35°, 51%, 93%
XYZ	56.1826, 54.9787, 24.1738
YIQ	194.1550, 53.1870, -11.2690

Conversions

Conversions Part 2

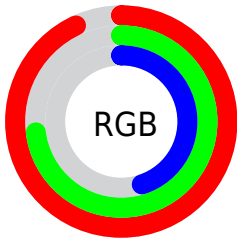
Format	Color
RYB	204, 238, 116
Decimal	15645556
CIELab	79.03, 10.01, 42.74
CIElCh	79, 43.897, 76.814
Yxy	54.9787, 0.4151, 0.4062
Android (android.graphics.Color)	4293835636 (0xFFEEBB74)
YUV	194.1550, -38.5304, 38.4521
Hunter-Lab	74.1477, 5.4933, 32.5735

Details

The YUV color **194.1550, -38.5304, 38.4521** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **159.8450, 38.5304, -38.4521**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1520, -34.0919, 14.7757**, and **139.7030, -36.3356, 34.4635** is the 20% darker color. If you saturate the color by 10%, you get **185.5490, -46.1197, 45.9995**, and if you desaturate by 10%, it is **202.7610, -30.9412, 30.9046**.

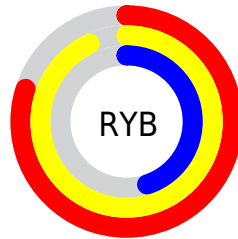
Distribution



Red (93%)

Green (73%)

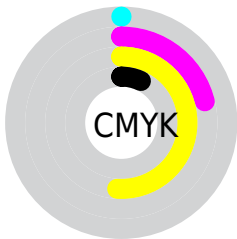
Blue (45%)



Red (80%)

Yellow (93%)

Blue (45%)

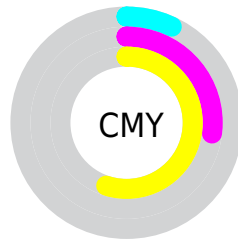


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.1550, -38.5304, 38.4521 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 194.1550, -38.5304, 38.4521 by changing the saturation by 10% instead.

194.1550,
-38.5304, 38.4521

194.1550,
-38.5304, 38.4521

255.0000, 0.0000,
0.0000

166.4860,
-37.2146, 36.4078

238.1520,
-34.0919, 14.7757

139.7030,
-36.3356, 34.4635

248.3880,
-25.3343, 5.7987

113.8060,
-35.8934, 32.6191

251.5800,
-13.1039, 2.9993

88.4960, -35.7405,
30.2600

254.8860, -0.4368,
0.1000

64.5110, -31.8039,
27.6159

44.4100, -21.8941,
22.4424

24.8960, -12.2737,

16.7542

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 194.1550,
-38.5304, 38.4521

■ 194.1550,
-38.5304, 38.4521

■ 185.5490,
-46.1197, 45.9995

■ 202.7610,
-30.9412, 30.9046

■ 176.9430,
-53.7089, 53.5470

■ 211.3670,
-23.3519, 23.3571

■ 168.4510,
-60.8613, 60.9945

■ 219.8590,
-16.1995, 15.9097

■ 159.8450,
-68.4506, 68.5419

■ 228.4650, -8.6102,
8.3622

■ 152.7550,
-75.3082, 74.7599

■ 237.0710, -1.0210,
0.8147

■ 245.2210, 4.8210,
-6.3328

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



193.5280, -27.3753, 53.9109



194.1550, -38.5304, 38.4521



190.7120, -36.8330, 7.2686

Triad

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



194.1550, -38.5304, 38.4521



157.0150, 30.0656, -123.6702



201.0980, 25.0947, 24.4701

Complementary

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



194.1550, -38.5304, 38.4521



159.8450, 38.5304, -38.4521

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.



193.5010, 30.3190, -17.9794



194.1550, -38.5304, 38.4521



154.5740, 49.0170, -135.5614

Square

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



194.1550, -38.5304, 38.4521



176.4570, -0.2253, -67.9298



179.6040, 37.1702, -68.9357



198.1970, 8.2839, 49.8162

Rectangle

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



194.1550, -38.5304, 38.4521



187.3330, -28.7582, -16.0780



179.6040, 37.1702, -68.9357



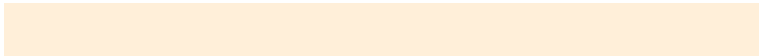
199.2920, 27.4640, 11.1449

Sweetspot

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



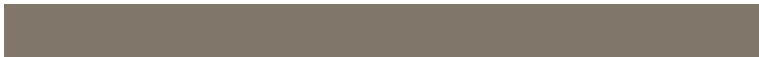
194.1550, -38.5304, 38.4521



241.2760, -11.9681, 12.0359



158.5200, 5.1666, 69.7040



119.5080, -7.1524, 7.4475



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.



194.1550, -38.5304, 38.4521



198.2460, -49.9143, 49.7733



221.7000, -52.1101, 7.2791



115.6970, -3.7946, 3.7737



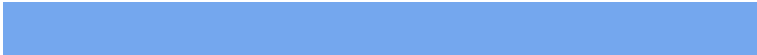
117.8250, -58.0877, 58.0355



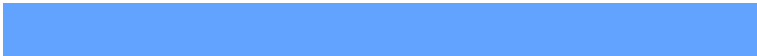
36.1150, -17.8047, 17.4391

Inverse Universe

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



159.8450, 38.5304, -38.4521



153.7540, 49.9143, -49.7733



132.3000, 52.1101, -7.2791



112.3030, 3.7946, -3.7737



66.1750, 58.0877, -58.0355



19.8850, 17.8047, -17.4391

Previews

White Background



This preview shows how the YUV color 194.1550, -38.5304, 38.4521 looks on a white background.

Color Contrast Check

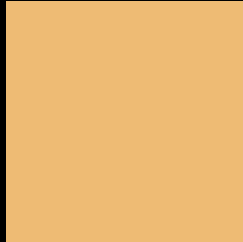
Large Text (above 18pt) WCAG AA × Fail

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 194.1550, -38.5304, 38.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

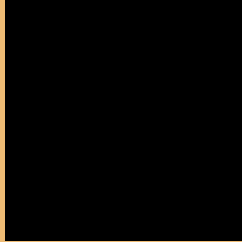
Any Text WCAG AA ✓ Pass

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 194.1550, -38.5304, 38.4521 Background



This preview shows how black text looks on a background with the YUV color 194.1550, -38.5304, 38.4521.



This preview shows how white text looks on a background with the YUV color 194.1550, -38.5304,

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

194.1550, -38.5304, 38.4521

Protanopia

192.6040, -36.2868, 18.7643

Deuteranopia

194.1550, -38.5304, 38.4521



Tritanopia

199.5150, -4.1979, 39.8903

Trichromacy



Original Color

194.1550, -38.5304, 38.4521

Protanomaly

193.4200, -37.1821, 25.9417

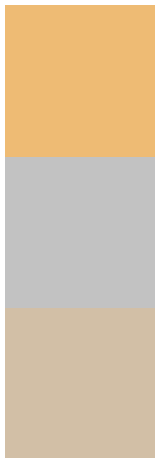
Deuteranomaly

194.1550, -38.5304, 38.4521

Tritanomaly

197.3010, -16.4174, 39.2010

Monochromacy



Original Color

194.1550, -38.5304, 38.4521

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8310, -13.7207, 14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.1550, -38.5304, 38.4521 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(238, 187, 116)` looks like.

```
.text, #text, p{  
    color:rgb(238, 187, 116)  
}
```

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(238, 187, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 187, 116) }
```

Border

The CSS property to change the border of an element to YUV 194.1550, -38.5304, 38.4521 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(238, 187, 116) }
```


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

```
.border{ border-color:rgb(238, 187, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 187, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 187, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 187, 116); box-shadow:4px 4px 4px 4px rgb(238, 187, 116) }
```

Background

The CSS property to change the background color of an element to YUV 194.1550, -38.5304, 38.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 187, 116) }
```

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

```
.background{ background-color: rgb(238,  
187, 116) }
```

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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