

Converting Colors

YUV(205.4030, -31.2577,
39.1116)

Have a look what the booklet for
YUV(205.4030, -31.2577, 39.1116)
contains.

YUV(205.4030, -31.2577, 39.1116)	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(205.4030, -31.2577,
39.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC38E
RGB	250, 195, 142
RGB Percent	98%, 76%, 56%
CMY	0.0196, 0.2353, 0.4431
CMYK	0.00, 0.22, 0.43, 0.02
HSL	29°, 92%, 77%
HSV	29°, 43%, 98%
XYZ	63.8219, 61.3072, 34.0609
YIQ	205.4030, 49.7930, -4.8230

Conversions

Conversions Part 2

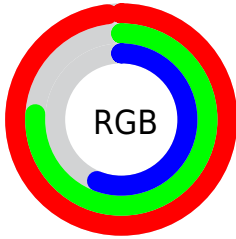
Format	Color
R _Y B	250, 246, 142
Decimal	16434062
CIE Lab	82.54, 13.08, 34.14
CIE LCh	83, 36.556, 69.032
Yxy	61.3072, 0.4009, 0.3851
Android (android.graphics.Color)	4294624142 (0xFFFA C38E)
YUV	205.4030, -31.2577, 39.1116
Hunter-Lab	78.2989, 8.4734, 29.0174

Details

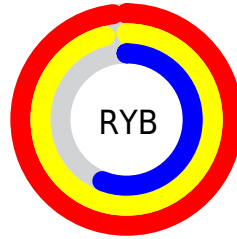
The YUV color $205.4030, -31.2577, 39.1116$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.5970, 31.2577, -39.1116$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5130, -24.9029, 7.4431$, and $150.2500, -29.2102, 35.7378$ is the 20% darker color. If you saturate the color by 10%, you get $194.9220, -38.4155, 48.3034$, and if you desaturate by 10%, it is $215.8840, -24.0998, 29.9197$.

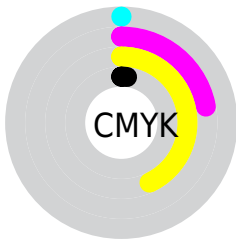
Distribution



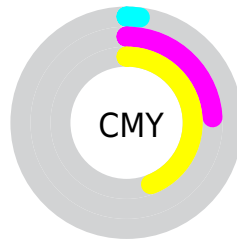
- Red (98%)
- Green (76%)
- Blue (56%)



- Red (98%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4030, -31.2577, 39.1116 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 205.4030, -31.2577, 39.1116 by changing the saturation by 10% instead.

205.4030,
-31.2577, 39.1116

205.4030,
-31.2577, 39.1116

255.0000, 0.0000,
0.0000

177.6200,
-30.3787, 37.1673

246.5130,
-24.9029, 7.4431

150.2500,
-29.2102, 35.7378

251.4660,
-13.5407, 3.0993

124.4670,
-28.3312, 33.7934

254.7720, -0.8736,
0.2000

98.6840, -27.4522,
31.8491

74.4880, -26.8626,
29.3900

50.9330, -25.1100,
27.2458

30.8320, -15.2002,

22.0723

■ 9.5680, -4.7170,
19.6729

■ 0.0000, 0.0000,
0.0000

■ 205.4030,
-31.2577, 39.1116

■ 205.4030,
-31.2577, 39.1116

■ 194.9220,
-38.4155, 48.3034

■ 215.8840,
-24.0998, 29.9197

■ 185.0280,
-45.8628, 56.9804

■ 225.7780,
-16.6526, 21.2427

■ 174.5470,
-53.0207, 66.1723

■ 236.2590, -9.4947,
12.0509

■ 164.0660,
-60.1785, 75.3641

■ 246.7400, -2.3368,
2.8590

153.5850,
-67.3364, 84.5560

253.5050, 0.7370,
-3.0739

146.9510,
-72.4468, 90.3740

Harmonies

Analogous

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



203.5360, -19.4912, 45.1339



205.4030, -31.2577, 39.1116



202.6080, -32.3447, 14.3758

Triad

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



205.4030, -31.2577, 39.1116



186.7950, 13.9051, -73.4882



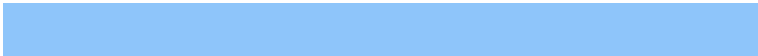
209.0380, 22.6593, 12.2447

Complementary

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



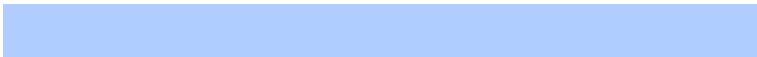
205.4030, -31.2577, 39.1116



186.5970, 31.2577, -39.1116

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.



201.7300, 26.2621, -23.4422



205.4030, -31.2577, 39.1116



185.6810, 30.2303, -83.0352

Square

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



205.4030, -31.2577, 39.1116



192.9930, -6.4055, -45.5979



192.9380, 30.5966, -60.4586



210.0000, 10.3530, 39.4650

Rectangle

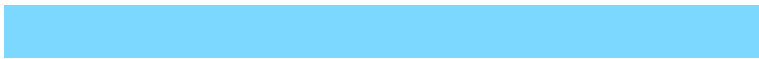
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205.4030, -31.2577, 39.1116



199.5670, -26.9015, -4.8823



192.9380, 30.5966, -60.4586



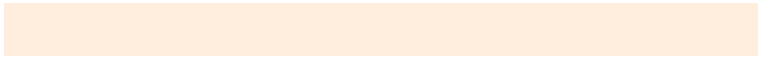
207.2000, 23.5654, 1.5786

Sweetspot

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



205.4030, -31.2577, 39.1116



241.2590, -9.4947, 12.0509



180.6760, 8.5407, 60.7971



119.1490, -5.9895, 7.7623



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.



205.4030, -31.2577, 39.1116



199.9220, -38.4155, 48.3034



236.5140, -46.5954, 11.8272



119.9960, -3.9420, 4.3885



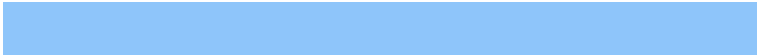
111.1020, -54.7733, 68.3165



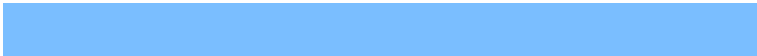
35.8490, -17.6736, 22.0574

Inverse Universe

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



186.5970, 31.2577, -39.1116



177.0780, 38.4155, -48.3034



155.4860, 46.5954, -11.8272



117.5910, 3.6526, -4.9033



77.8980, 54.7733, -68.3165



25.1510, 17.6736, -22.0574

Previews

White Background



This preview shows how the YUV color 205.4030, -31.2577, 39.1116 looks on a white background.

Color Contrast Check

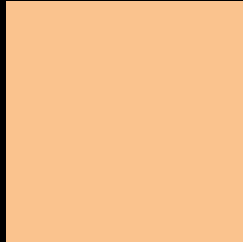
Large Text (above 18pt) WCAG AA × Fail

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 205.4030, -31.2577, 39.1116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

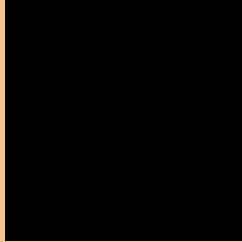
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.4030, -31.2577, 39.1116

Background



This preview shows how black text looks on a background with the YUV color 205.4030, -31.2577, 39.1116.



This preview shows how white text looks on a background with the YUV color 205.4030, -31.2577, 39.1116.

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

205.4030, -31.2577, 39.1116

Protanopia

203.9440, -28.5664, 15.8351

Deuteranopia

205.3810, -31.2468, 35.6229



Tritanopia

209.6290, -3.7611, 39.7904

Trichromacy



Original Color

205.4030, -31.2577, 39.1116

Protanomaly

204.4720, -29.3197, 24.1421

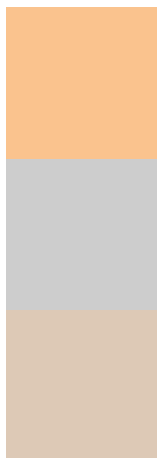
Deuteranomaly

205.0930, -31.1048, 36.7524

Tritanomaly

208.2840, -13.9440, 39.2159

Monochromacy



Original Color

205.4030, -31.2577, 39.1116

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8140, -11.2473, 14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4030, -31.2577, 39.1116 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 142) }
```

Border

The CSS property to change the border of an element to YUV 205.4030, -31.2577, 39.1116 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, 142) }
```


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

```
.border{ border-color:rgb(250, 195, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 205.4030, -31.2577, 39.1116 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, 142) }
```

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

```
.background{ background-color: rgb(250,  
195, 142) }
```

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