

Converting Colors

YUV(197.7390, -44.2413,
50.2179)

Have a look what the booklet for
YUV(197.7390, -44.2413, 50.2179)
contains.

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Color

**YUV(197.7390, -44.2413,
50.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA6C
RGB	255, 186, 108
RGB Percent	100%, 73%, 42%
CMY	0.0000, 0.2706, 0.5765
CMYK	0.00, 0.27, 0.58, 0.00
HSL	32°, 100%, 71%
HSV	32°, 58%, 100%
XYZ	61.5057, 57.4605, 22.0366
YIQ	197.7390, 66.1620, -9.6300

Conversions

Conversions Part 2

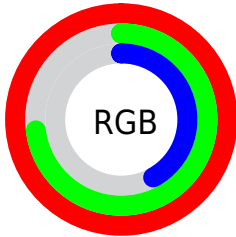
Format	Color
R _Y B	238, 255, 108
Decimal	16759404
CIE Lab	80.44, 16.80, 48.85
CIE LCh	80, 51.655, 71.025
Yxy	57.4605, 0.4362, 0.4075
Android (android.graphics.Color)	4294949484 (0xFFFFBA6C)
YUV	197.7390, -44.2413, 50.2179
Hunter-Lab	75.8027, 12.1786, 35.8257

Details

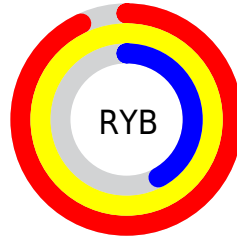
The YUV color $197.7390, -44.2413, 50.2179$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $165.2610, 44.2413, -50.2179$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.6530, -37.2969, 16.0903$, and $142.8740, -42.3359, 45.7145$ is the 20% darker color. If you saturate the color by 10%, you get $187.8450, -51.6886, 58.8949$, and if you desaturate by 10%, it is $207.7470, -36.3573, 41.4409$.

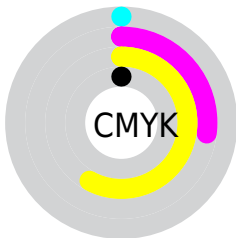
Distribution



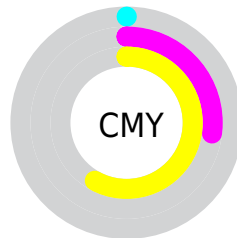
- Red (100%)
- Green (73%)
- Blue (42%)



- Red (93%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7390, -44.2413, 50.2179 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 197.7390, -44.2413, 50.2179 by changing the saturation by 10% instead.

197.7390,
-44.2413, 50.2179

197.7390,
-44.2413, 50.2179

255.0000, 0.0000,
0.0000

169.9560,
-43.3623, 48.2736

236.6530,
-37.2969, 16.0903

142.8740,
-42.3359, 45.7145

247.4760,
-28.8287, 6.5985

116.3790,
-41.5988, 42.6406

250.6680,
-16.5983, 3.7992

89.7980, -43.7774,
41.3962

253.9740, -3.9312,
0.8998

67.8110, -33.4308,
36.1228

46.5250, -22.9368,
30.2346

26.1250, -12.8796,

24.4464

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,
0.0000

■ 197.7390,
-44.2413, 50.2179

■ 197.7390,
-44.2413, 50.2179

■ 187.8450,
-51.6886, 58.8949

■ 207.7470,
-36.3573, 41.4409

■ 177.8370,
-59.5726, 67.6720

■ 217.6410,
-28.9100, 32.7638

■ 167.9430,
-67.0199, 76.3490

■ 227.6490,
-21.0260, 23.9868

■ 157.9350,
-74.9040, 85.1260

■ 237.5430,
-13.5787, 15.3098

155.4900,
-76.6566, 87.2703

247.5510, -5.6946,
6.5328

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.



191.2940, -25.7809, 55.8702



197.7390, -44.2413, 50.2179



194.1770, -45.4433, 15.6308

Triad

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



197.7390, -44.2413, 50.2179



156.6990, 29.2354, -137.4250



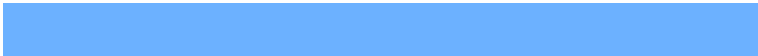
202.6030, 25.8317, 21.3962

Complementary

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



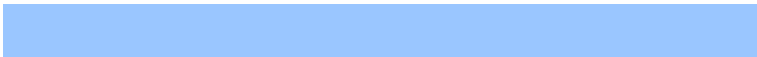
197.7390, -44.2413, 50.2179



165.2610, 44.2413, -50.2179

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.



191.3420, 31.3834, -32.7489



197.7390, -44.2413, 50.2179



159.3840, 47.1387, -139.7798

Square

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



197.7390, -44.2413, 50.2179



176.8600, -4.8610, -74.4222



158.8850, 47.3847, -125.3101



199.5480, 15.9988, 48.6314

Rectangle

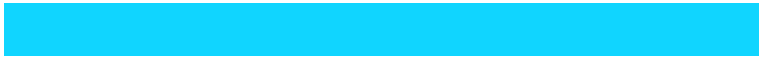
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.7390, -44.2413, 50.2179



190.0750, -37.5050, -10.5898



158.8850, 47.3847, -125.3101



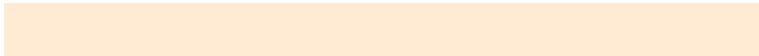
199.8460, 27.1909, 5.3971

Sweetspot

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



197.7390, -44.2413, 50.2179



238.3580, -12.9945, 14.5950



160.0470, 9.3438, 83.2738



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.



197.7390, -44.2413, 50.2179



186.2150, -52.8570, 60.3244



237.6440, -63.9145, 13.4672



122.9960, -3.9420, 4.3885



116.3960, -57.3832, 65.4277



39.0940, -19.2733, 21.8426

Inverse Universe

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



165.2610, 44.2413, -50.2179



147.7850, 52.8570, -60.3244



125.3560, 63.9145, -13.4672



120.0040, 3.9420, -4.3885



74.6040, 57.3832, -65.4277



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 197.7390, -44.2413, 50.2179 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 197.7390, -44.2413, 50.2179 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 197.7390, -44.2413, 50.2179

Background



This preview shows how black text looks on a background with the YUV color 197.7390, -44.2413, 50.2179.



This preview shows how white text looks on a background with the YUV color 197.7390, -44.2413, 50.2179.

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

197.7390, -44.2413, 50.2179

Protanopia

196.0620, -40.9496, 20.9936

Deuteranopia

197.5700, -44.6510, 41.5961



Tritanopia

203.0920, -5.9614, 45.5233

Trichromacy



Original Color

197.7390, -44.2413, 50.2179

Protanomaly

196.7860, -42.2925, 31.7597

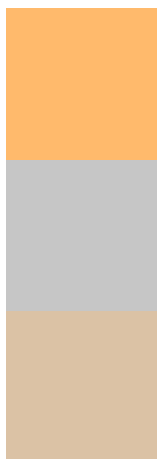
Deuteranomaly

197.5920, -44.6619, 45.0848

Tritanomaly

201.4330, -19.9335, 46.9783

Monochromacy



Original Color

197.7390, -44.2413, 50.2179

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1690, -16.3523, 18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7390, -44.2413, 50.2179 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, 186, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 108)  
}
```

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, 186, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 108) }
```

Border

The CSS property to change the border of an element to YUV 197.7390, -44.2413, 50.2179 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, 186, 108) }
```


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

```
.border{ border-color:rgb(255, 186, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 197.7390, -44.2413, 50.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 108) }
```

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

```
.background{ background-color: rgb(255,  
186, 108) }
```

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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