

Converting Colors

YUV(198.6220, -53.5506,
49.4435)

Have a look what the booklet for
YUV(198.6220, -53.5506, 49.4435)
contains.

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Color

**YUV(198.6220, -53.5506,
49.4435)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFBF5A |
| RGB | 255, 191, 90 |
| RGB Percent | 100%, 75%, 35% |
| CMY | 0.0000, 0.2510, 0.6471 |
| CMYK | 0.00, 0.25, 0.65, 0.00 |
| HSL | 37°, 100%, 68% |
| HSV | 37°, 65%, 100% |
| XYZ | 61.7163, 59.2598, 17.8583 |
| YIQ | 198.6220, 70.5650, -17.8430 |

Conversions

Conversions Part 2

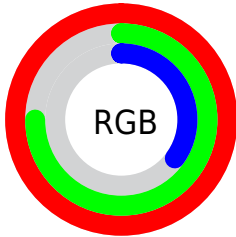
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 195, 255, 90 |
| Decimal | 16760666 |
| CIE _{Lab} | 81.43, 12.99, 58.51 |
| CIE _{LCh} | 81, 59.938, 77.479 |
| Yxy | 59.2598, 0.4445, 0.4268 |
| Android (android.graphics.Color) | 4294950746 (0xFFFFBF5A) |
| YUV | 198.6220, -53.5506, 49.4435 |
| Hunter-Lab | 76.9804, 8.3903, 40.1318 |

Details

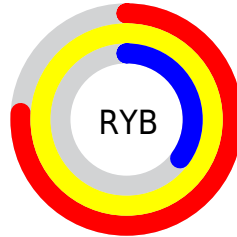
The YUV color **198.6220, -53.5506, 49.4435** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **146.3780, 53.5506, -49.4435**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6500, -46.1694, 15.2160**, and **143.1160, -52.8082, 44.6253** is the 20% darker color. If you saturate the color by 10%, you get **189.9020, -61.5767, 57.0909**, and if you desaturate by 10%, it is **207.4560, -45.0878, 41.6961**.

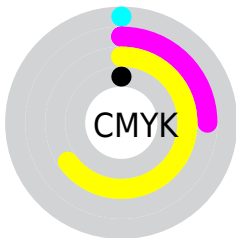
Distribution



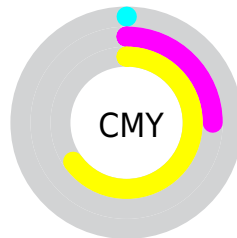
- Red (100%)
- Green (75%)
- Blue (35%)



- Red (76%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6220, -53.5506, 49.4435 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 198.6220, -53.5506, 49.4435 by changing the saturation by 10% instead.

198.6220,
-53.5506, 49.4435

198.6220,
-53.5506, 49.4435

255.0000, 0.0000,
0.0000

170.5400,
-52.5242, 46.8844

237.6500,
-46.1694, 15.2160

143.1160,
-52.8082, 44.6253

245.4240,
-36.6910, 8.3982

115.0790,
-56.7339, 43.7807

248.6160,
-24.4607, 5.5988

92.3200, -45.5138,
38.3074

251.9220,
-11.7935, 2.6994

70.1480, -34.5830,
32.3192

48.8620, -24.0890,
26.4310

28.7610, -14.1792,

21.2576

■ 8.9700, -4.4222,
18.4433

■ 0.0000, 0.0000,
0.0000

■ 198.6220,
-53.5506, 49.4435

■ 198.6220,
-53.5506, 49.4435

■ 189.9020,
-61.5767, 57.0909

■ 207.4560,
-45.0878, 41.6961

■ 181.0680,
-70.0395, 64.8384

■ 216.1760,
-37.0618, 34.0486

■ 172.3480,
-78.0656, 72.4858

■ 225.0100,
-28.5989, 26.3012

■ 167.8170,
-82.7338, 76.4595

■ 233.7300,
-20.5729, 18.6538

■ 241.9770,
-11.8207, 11.4212

■ 250.6970, -3.7946,
3.7737

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.



189.9430, -33.4959, 57.0550



198.6220, -53.5506, 49.4435



193.6400, -51.0945, 8.2087

Triad

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



198.6220, -53.5506, 49.4435



162.2730, 35.3614, -142.3134



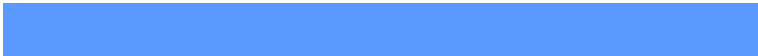
205.9470, 24.1831, 36.8805

Complementary

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



198.6220, -53.5506, 49.4435



146.3780, 53.5506, -49.4435

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.



194.6420, 29.7565, -24.2420



198.6220, -53.5506, 49.4435



161.7320, 45.9811, -141.8390

Square

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



198.6220, -53.5506, 49.4435



154.4870, 10.6059, -135.4851



155.2750, 49.1644, -136.1762



194.3960, 16.5668, 53.1497

Rectangle

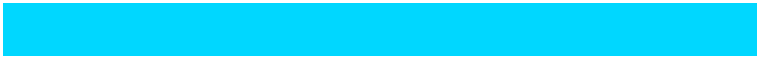
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.6220, -53.5506, 49.4435



189.4170, -39.6456, -24.0447



155.2750, 49.1644, -136.1762



203.1790, 25.5478, 19.1370

Sweetspot

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



198.6220, -53.5506, 49.4435



238.3750, -15.4679, 14.5801



146.8590, 4.5065, 94.8397



117.5360, -9.6312, 9.1769



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.



198.6220, -53.5506, 49.4435



187.1150, -64.6397, 59.5351



231.4060, -69.7132, 6.6599



123.5830, -4.2314, 3.8737



125.7880, -62.0135, 57.1909



42.0290, -20.7203, 19.2686

Inverse Universe

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



146.3780, 53.5506, -49.4435



123.8850, 64.6397, -59.5351



113.5940, 69.7132, -6.6599



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 198.6220, -53.5506, 49.4435 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 198.6220, -53.5506, 49.4435 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 198.6220, -53.5506, 49.4435

Background



This preview shows how black text looks on a background with the YUV color 198.6220, -53.5506, 49.4435.



This preview shows how white text looks on a background with the YUV color 198.6220, -53.5506,

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

198.6220, -53.5506, 49.4435

Protanopia

197.1520, -50.8539, 24.4227

Deuteranopia

198.6000, -53.5398, 45.9548



Tritanopia

205.8960, -5.3717, 43.0642

Trichromacy



Original Color

198.6220, -53.5506, 49.4435

Protanomaly

197.9790, -51.7546, 33.3444

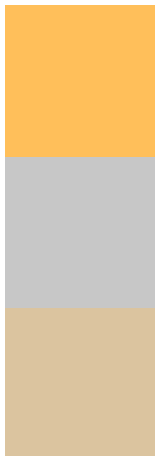
Deuteranomaly

198.3120, -53.3978, 47.0844

Tritanomaly

203.3250, -22.8382, 45.3190

Monochromacy



Original Color

198.6220, -53.5506, 49.4435

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6590, -19.5519, 17.8391

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6220, -53.5506, 49.4435 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, 191, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 90)  
}
```

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, 191, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 90) }
```

Border

The CSS property to change the border of an element to YUV 198.6220, -53.5506, 49.4435 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, 191, 90) }
```


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

```
.border{ border-color:rgb(255, 191, 90) }
```

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

Here you see how a box with a 4 pixel rgb(255, 191, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 198.6220, -53.5506, 49.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 90) }
```

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

```
.background{ background-color: rgb(255,  
191, 90) }
```

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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