

Converting Colors

YUV(198.5450, -53.5127,
37.2330)

Have a look what the booklet for
YUV(198.5450, -53.5127, 37.2330)
contains.

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Color

**YUV(198.5450, -53.5127,
37.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C65A
RGB	241, 198, 90
RGB Percent	95%, 78%, 35%
CMY	0.0549, 0.2235, 0.6471
CMYK	0.00, 0.18, 0.63, 0.05
HSL	43°, 84%, 65%
HSV	43°, 63%, 95%
XYZ	58.3152, 59.8271, 18.1471
YIQ	198.5450, 60.2960, -24.4720

Conversions

Conversions Part 2

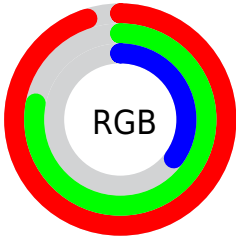
Format	Color
RYB	150, 241, 90
Decimal	15844954
CIELab	81.74, 3.55, 58.46
CIELCh	82, 58.568, 86.521
Yxy	59.8271, 0.4279, 0.4390
Android (android.graphics.Color)	4294035034 (0xFFFF1C65A)
YUV	198.5450, -53.5127, 37.2330
Hunter-Lab	77.3480, -0.7820, 40.2332

Details

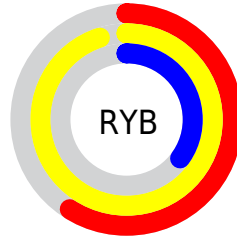
The YUV color **198.5450, -53.5127, 37.2330** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **132.4550, 53.5127, -37.2330**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7590, -48.1952, 11.6124**, and **142.9360, -53.2124, 34.2591** is the 20% darker color. If you saturate the color by 10%, you get **191.7000, -61.9701, 43.2361**, and if you desaturate by 10%, it is **205.3900, -45.0553, 31.2300**.

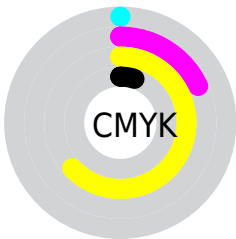
Distribution



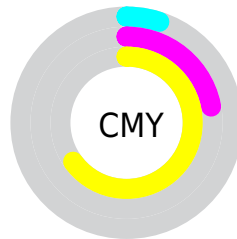
- Red (95%)
- Green (78%)
- Blue (35%)



- Red (59%)
- Yellow (95%)
- Blue (35%)



- Cyan (0%)
- Magenta (18%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5450, -53.5127, 37.2330 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 198.5450, -53.5127, 37.2330 by changing the saturation by 10% instead.

198.5450,
-53.5127, 37.2330

198.5450,
-53.5127, 37.2330

255.0000, 0.0000,
0.0000

170.6480,
-53.0705, 35.3887

241.7590,
-48.1952, 11.6124

142.9360,
-53.2124, 34.2591

245.4240,
-36.6910, 8.3982

115.6000,
-56.9908, 32.7998

248.6160,
-24.4607, 5.5988

92.8410, -45.7706,
27.3264

251.9220,
-11.7935, 2.6994

70.6800, -34.8452,
23.0826

49.3940, -24.3512,
17.1945

29.5920, -14.5889,

12.6358

■ 6.8440, -3.3741,
8.9068

■ 0.0000, 0.0000,
0.0000

■ 198.5450,
-53.5127, 37.2330

■ 198.5450,
-53.5127, 37.2330

■ 191.7000,
-61.9701, 43.2361

■ 205.3900,
-45.0553, 31.2300

■ 184.8550,
-70.4275, 49.2392

■ 212.2350,
-36.5979, 25.2269

■ 178.0100,
-78.8849, 55.2422

■ 219.0800,
-28.1404, 19.2238

■ 173.0230,
-85.3003, 59.6158

■ 225.3380,
-19.3936, 13.7356

■ 232.2970,
-10.4994, 7.6325

■ 239.1420, -2.0420,
1.6295

■ 245.5310, 4.6682,
-3.9737

■ 249.6400, 2.6425,
-7.5773

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



193.6130, -39.7422, 53.8364



198.5450, -53.5127, 37.2330



193.6320, -45.6676, -5.8163

Triad

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



198.5450, -53.5127, 37.2330



163.6240, 43.0764, -143.4982



205.1050, 24.5982, 43.7579

Complementary

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



198.5450, -53.5127, 37.2330



132.4550, 53.5127, -37.2330

Split Complementary

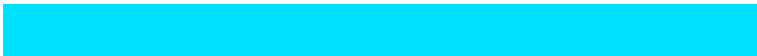
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.0900, 27.0706, -2.7099



198.5450, -53.5127, 37.2330



160.5580, 46.5599, -140.8094

Square

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



198.5450, -53.5127, 37.2330



157.8270, 18.3263, -138.4143



177.1460, 38.3820, -84.3200



192.5720, 9.5780, 54.7494

Rectangle

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



198.5450, -53.5127, 37.2330



187.3210, -30.7243, -38.8695



177.1460, 38.3820, -84.3200



206.5230, 23.8992, 34.6213

Sweetspot

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



198.5450, -53.5127, 37.2330



241.3100, -16.9148, 12.0061



140.2790, -2.6025, 88.3323



119.2970, -10.4994, 7.6325



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.



198.5450, -53.5127, 37.2330



201.5280, -67.8013, 46.8949



214.8160, -61.5343, -3.3466



116.2840, -4.0840, 3.2589



131.9130, -65.0331, 45.6803



40.2240, -19.8304, 13.8356

Inverse Universe

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



132.4550, 53.5127, -37.2330



117.4720, 67.8013, -46.8949



116.1840, 61.5343, 3.3466



111.1290, 4.3734, -2.7441



51.5000, 65.3225, -45.1655



15.7760, 19.8304, -13.8356

Previews

White Background



This preview shows how the YUV color 198.5450, -53.5127, 37.2330 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 198.5450, -53.5127, 37.2330 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 198.5450, -53.5127, 37.2330

Background



This preview shows how black text looks on a background with the YUV color 198.5450, -53.5127, 37.2330.



This preview shows how white text looks on a background with the YUV color 198.5450, -53.5127, 37.2330.

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

198.5450, -53.5127, 37.2330

Protanopia

197.8100, -52.1643, 24.7226

Deuteranopia

199.6000, -53.5398, 45.9548



Tritanopia

206.8460, -2.8821, 37.8461

Trichromacy



Original Color

198.5450, -53.5127, 37.2330

Protanomaly

198.0170, -52.7594, 28.9261

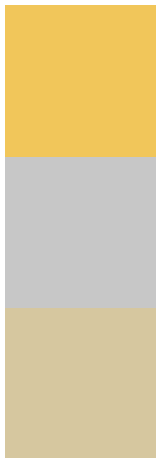
Deuteranomaly

198.9910, -53.2396, 42.9809

Tritanomaly

203.7370, -21.0693, 37.9417

Monochromacy



Original Color

198.5450, -53.5127, 37.2330

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9250, -19.6830, 13.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5450, -53.5127, 37.2330 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(241, 198, 90)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 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(241, 198, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 90) }
```

Border

The CSS property to change the border of an element to YUV 198.5450, -53.5127, 37.2330 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(241, 198, 90) }
```


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

```
.border{ border-color:rgb(241, 198, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 198, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 198, 90);  
box-shadow:4px 4px 4px 4px rgb(241, 198,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 198.5450, -53.5127, 37.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 90) }
```

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

```
.background{ background-color: rgb(241,  
198, 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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