

Converting Colors

YUV(197.7870, -50.6740,
13.3418)

Have a look what the booklet for
YUV(197.7870, -50.6740, 13.3418)
contains.

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Color

**YUV(197.7870, -50.6740,
13.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D25F
RGB	213, 210, 95
RGB Percent	84%, 82%, 37%
CMY	0.1647, 0.1765, 0.6275
CMYK	0.00, 0.01, 0.55, 0.16
HSL	58°, 58%, 60%
HSV	58°, 55%, 84%
XYZ	52.5527, 61.0655, 19.8435
YIQ	197.7870, 38.7030, -35.1290

Conversions

Conversions Part 2

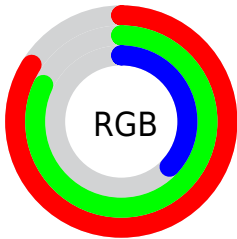
Format	Color
R _Y B	98, 213, 95
Decimal	14013023
CIE Lab	82.41, -13.82, 56.29
CIE LCh	82, 57.958, 103.790
Yxy	61.0655, 0.3938, 0.4576
Android (android.graphics.Color)	4292203103 (0xFFD5D25F)
YUV	197.7870, -50.6740, 13.3418
Hunter-Lab	78.1444, -16.7102, 39.6454

Details

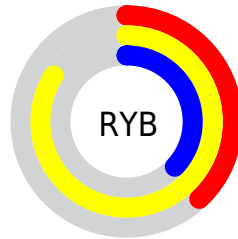
The YUV color **197.7870, -50.6740, 13.3418** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **110.2130, 50.6740, -13.3418**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9160, -46.3006, 10.5977**, and **142.8900, -50.2318, 11.4975** is the 20% darker color. If you saturate the color by 10%, you get **194.8060, -59.5574, 15.9561**, and if you desaturate by 10%, it is **200.7680, -41.7906, 10.7275**.

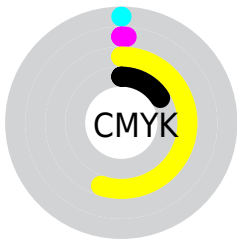
Distribution



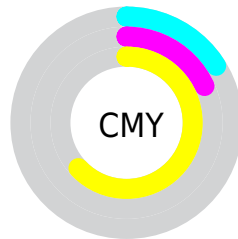
- Red (84%)
- Green (82%)
- Blue (37%)



- Red (38%)
- Yellow (84%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (55%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7870, -50.6740, 13.3418 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 197.7870, -50.6740, 13.3418 by changing the saturation by 10% instead.

■ 197.7870,
-50.6740, 13.3418

■ 197.7870,
-50.6740, 13.3418

■ 255.0000, 0.0000,
0.0000

■ 169.6020,
-50.0898, 12.6270

■ 242.9160,
-46.3006, 10.5977

■ 142.8900,
-50.2318, 11.4975

■ 246.1080,
-34.0702, 7.7983

■ 115.0380,
-54.7417, 11.3677

■ 249.3000,
-21.8399, 4.9989

■ 91.8340, -45.2742,
8.0386

■ 252.6060, -9.1728,
2.0995

■ 69.9720, -34.4962,
4.4096

■ 48.6970, -24.0076,
0.2657

■ 28.8950, -14.2452,

-4.2929

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 197.7870,
-50.6740, 13.3418

■ 197.7870,
-50.6740, 13.3418

■ 194.8060,
-59.5574, 15.9561

■ 200.7680,
-41.7906, 10.7275

■ 192.2980,
-69.1669, 18.1557

■ 203.2760,
-32.1811, 8.5279

■ 189.3170,
-78.0503, 20.7700

■ 206.2570,
-23.2977, 5.9136

■ 186.9230,
-87.2230, 22.8695

■ 208.6510,
-14.1249, 3.8141

■ 185.7830,
-91.5910, 23.8693

■ 211.7460, -4.8048,
1.0998

■ 214.1400, 4.3680,
-0.9998

■ 217.1210, 13.2513,
-3.6141

■ 218.3750, 18.0561,
-4.7139

■ 218.9620, 17.7667,
-5.2287

Harmonies

Analogous

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



200.2350, -49.9089, 48.0289



197.7870, -50.6740, 13.3418



190.4850, -32.7771, -33.7513

Triad

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



197.7870, -50.6740, 13.3418



163.4930, 45.1130, -143.3834



198.9440, 18.7616, 49.1611

Complementary

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



197.7870, -50.6740, 13.3418



110.2130, 50.6740, -13.3418

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.



207.6750, 23.3312, 30.1030



197.7870, -50.6740, 13.3418



157.6230, 48.0069, -138.2354

Square

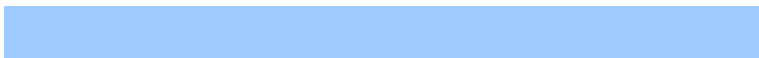
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.7870, -50.6740, 13.3418



162.8770, 32.5986, -142.8431



195.1850, 29.4888, -31.7342



190.9130, -4.3941, 56.2043

Rectangle

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



197.7870, -50.6740, 13.3418



182.2920, -13.4550, -71.2931



195.1850, 29.4888, -31.7342



203.8170, 24.7402, 44.8875

Sweetspot

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



197.7870, -50.6740, 13.3418



249.5110, -18.4929, 4.8139



130.7380, -15.6468, 72.1438



124.4490, -11.0674, 3.1142



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.



197.7870, -50.6740, 13.3418



233.5000, -72.2245, 18.8555



183.1030, -43.4348, -22.0153



105.7460, -4.8048, 1.0998



149.1580, -73.5349, 19.1554



37.5110, -18.4929, 4.8139

Inverse Universe

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



110.2130, 50.6740, -13.3418



108.5000, 72.2245, -18.8555



124.8970, 43.4348, 22.0153



97.8410, 4.5154, -1.6146



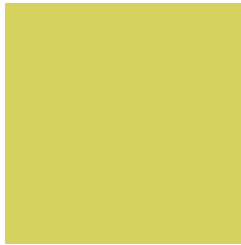
21.8420, 73.5349, -19.1554



5.4890, 18.4929, -4.8139

Previews

White Background



This preview shows how the YUV color 197.7870, -50.6740, 13.3418 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 197.7870, -50.6740, 13.3418 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 197.7870, -50.6740, 13.3418

Background



This preview shows how black text looks on a background with the YUV color 197.7870, -50.6740, 13.3418.



This preview shows how white text looks on a background with the YUV color 197.7870, -50.6740, 13.3418.

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

197.7870, -50.6740, 13.3418

Protanopia

198.9240, -51.7275, 24.6227

Deuteranopia

201.3980, -50.4822, 45.2550



Tritanopia

207.1960, 2.8614, 15.6141

Trichromacy



Original Color

197.7870, -50.6740, 13.3418

Protanomaly

198.6030, -51.5693, 20.5192

Deuteranomaly

199.7340, -50.1549, 33.5593

Tritanomaly

204.0330, -16.7783, 14.8801

Monochromacy



Original Color

197.7870, -50.6740, 13.3418

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.6250, -18.0561, 4.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7870, -50.6740, 13.3418 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(213, 210, 95)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 95)  
}
```

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(213, 210, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 95) }
```

Border

The CSS property to change the border of an element to YUV 197.7870, -50.6740, 13.3418 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(213, 210, 95) }
```


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

```
.border{ border-color:rgb(213, 210, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 95);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 197.7870, -50.6740, 13.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 95) }
```

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

```
.background{ background-color: rgb(213,  
210, 95) }
```

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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