

Converting Colors

YUV(192.1310, -42.4626,
-7.1309)

Have a look what the booklet for
YUV(192.1310, -42.4626, -7.1309)
contains.

YUV(192.1310, -42.4626, -7.1309)	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(192.1310, -42.4626,
-7.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D56A
RGB	184, 213, 106
RGB Percent	72%, 84%, 42%
CMY	0.2784, 0.1647, 0.5843
CMYK	0.14, 0.00, 0.50, 0.16
HSL	76°, 56%, 63%
HSV	76°, 50%, 84%
XYZ	46.1629, 58.8195, 22.5559
YIQ	192.1310, 17.0630, -39.4250

Conversions

Conversions Part 2

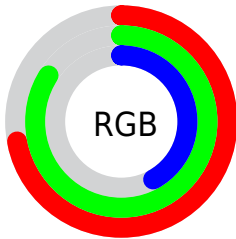
Format	Color
RYB	106, 213, 135
Decimal	12113258
CIELab	81.19, -25.91, 49.23
CIELCh	81, 55.633, 117.753
Yxy	58.8195, 0.3620, 0.4612
Android (android.graphics.Color)	4290303338 (0xFFB8D56A)
YUV	192.1310, -42.4626, -7.1309
Hunter-Lab	76.6938, -26.7730, 36.2483

Details

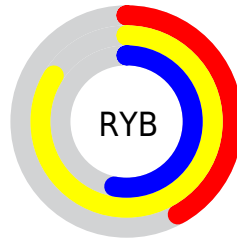
The YUV color **192.1310, -42.4626, -7.1309** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **126.8690, 42.4626, 7.1309**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2830, -39.5795, 1.5058**, and **137.4730, -41.1522, -7.4308** is the 20% darker color. If you saturate the color by 10%, you get **187.9430, -50.7509, -8.7200**, and if you desaturate by 10%, it is **196.3190, -34.1743, -5.5418**.

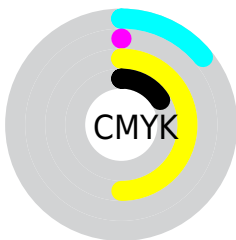
Distribution



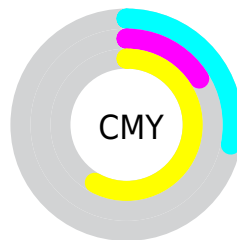
- Red (72%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.1310, -42.4626, -7.1309 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 192.1310, -42.4626, -7.1309 by changing the saturation by 10% instead.

■ 192.1310,
-42.4626, -7.1309

■ 192.1310,
-42.4626, -7.1309

255.0000, 0.0000,
0.0000

■ 164.3590,
-41.5890, -7.3308

■ 240.2830,
-39.5795, 1.5058

■ 137.4730,
-41.1522, -7.4308

■ 247.2480,
-29.7023, 6.7985

■ 111.0600,
-41.4416, -7.9456

■ 250.5540,
-17.0351, 3.8991

■ 85.5330, -42.1678,
-8.3604

■ 253.8600, -4.3680,
0.9998

■ 63.3830, -31.2478,
-10.8599

■ 41.8090, -20.6118,
-15.6185

■ 21.7190, -10.7075,

-19.0476

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 192.1310,
-42.4626, -7.1309

■ 192.1310,
-42.4626, -7.1309

■ 187.9430,
-50.7509, -8.7200

■ 196.3190,
-34.1743, -5.5418

■ 183.6410,
-59.4760, -10.2092

■ 200.6210,
-25.4492, -4.0526

■ 179.7520,
-67.9117, -11.1835

■ 204.5100,
-17.0134, -3.0783

■ 175.5640,
-76.2001, -12.7726

■ 208.6980, -8.7251,
-1.4891

■ 171.3760,
-84.4884, -14.3618

■ 213.0000, 0.0000,
0.0000

■ 217.1880, 8.2883,
1.5891

■ 221.0770, 16.7240,
2.5635

■ 222.8710, 15.8396,
6.2521

■ 224.6650, 14.9552,
9.9408

Harmonies

Analogous

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



197.0330, -50.3023, 34.1741



192.1310, -42.4626, -7.1309



182.8980, -19.1767, -56.0385

Triad

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



192.1310, -42.4626, -7.1309



158.7970, 47.4281, -139.2650



192.7030, 7.5414, 54.6345

Complementary

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



192.1310, -42.4626, -7.1309



126.8690, 42.4626, 7.1309

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.



205.1050, 24.5982, 43.7579



192.1310, -42.4626, -7.1309



180.7670, 36.5969, -71.7097

Square

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



192.1310, -42.4626, -7.1309



161.6350, 43.0709, -141.7539



200.1010, 27.0652, -0.9656



189.1230, -16.3296, 57.7741

Rectangle

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



192.1310, -42.4626, -7.1309



168.7900, 4.5405, -103.3018



200.1010, 27.0652, -0.9656



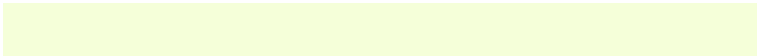
196.4020, 14.0988, 51.3904

Sweetspot

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



192.1310, -42.4626, -7.1309



247.6780, -15.1243, -2.3486



155.0160, -24.1649, 50.8520



123.2850, -9.0145, -2.0039



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.



192.1310, -42.4626, -7.1309



225.2990, -60.7864, -9.9092



176.2840, -34.6500, -39.7141



104.8490, -4.3626, -0.7446



137.7520, -67.9117, -11.1835



34.8090, -17.1608, -2.4635

Inverse Universe

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



126.8690, 42.4626, 7.1309



131.7010, 60.7864, 9.9092



142.7160, 34.6500, 39.7141



98.1510, 4.3626, 0.7446



33.2480, 67.9117, 11.1835



8.4900, 17.0134, 3.0783

Previews

White Background



This preview shows how the YUV color 192.1310, -42.4626, -7.1309 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 192.1310, -42.4626, -7.1309 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 192.1310, -42.4626, -7.1309

Background



This preview shows how black text looks on a background with the YUV color 192.1310, -42.4626, -7.1309.



This preview shows how white text looks on a background with the YUV color 192.1310, -42.4626, -7.1309.

-7.1309.

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

192.1310, -42.4626, -7.1309

Protanopia

195.9930, -46.3385, 22.8081

Deuteranopia

198.9120, -43.3406, 41.2962



Tritanopia

201.9270, 7.4310, -3.4440

Trichromacy



Original Color

192.1310, -42.4626, -7.1309

Protanomaly

194.2690, -44.9956, 12.0421

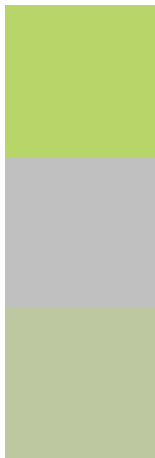
Deuteranomaly

196.5030, -43.1390, 23.2379

Tritanomaly

198.2200, -10.4615, -4.5779

Monochromacy



Original Color

192.1310, -42.4626, -7.1309

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.2650, -15.4136, -2.8634

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.1310, -42.4626, -7.1309 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(184, 213, 106)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 106)  
}
```

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(184, 213, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 106) }
```

Border

The CSS property to change the border of an element to YUV 192.1310, -42.4626, -7.1309 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(184, 213, 106) }
```


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

```
.border{ border-color:rgb(184, 213, 106) }
```

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

Here you see how a box with a 4 pixel rgb(184, 213, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 106);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 192.1310, -42.4626, -7.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 106) }
```

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

```
.background{ background-color: rgb(184,  
213, 106) }
```

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