

Converting Colors

YUV(190.4930, -24.8930,
-42.5284)

Have a look what the booklet for
YUV(190.4930, -24.8930, -42.5284)
contains.

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Color

**YUV(190.4930, -24.8930,
-42.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	8EE18C
RGB	142, 225, 140
RGB Percent	56%, 88%, 55%
CMY	0.4431, 0.1176, 0.4510
CMYK	0.37, 0.00, 0.38, 0.12
HSL	119°, 59%, 72%
HSV	119°, 38%, 88%
XYZ	42.8142, 61.4947, 34.4241
YIQ	190.4930, -22.1830, -44.0310

Conversions

Conversions Part 2

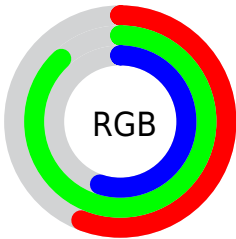
Format	Color
RYB	140, 225, 223
Decimal	9363852
CIELab	82.64, -41.91, 33.83
CIELCh	83, 53.856, 141.089
Yxy	61.4947, 0.3086, 0.4433
Android (android.graphics.Color)	4287553932 (0xFF8EE18C)
YUV	190.4930, -24.8930, -42.5284
Hunter-Lab	78.4185, -39.7768, 28.8659

Details

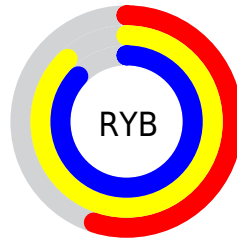
The YUV color **190.4930, -24.8930, -42.5284** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **174.5070, 24.8930, 42.5284**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0030, -18.2425, -28.9436**, and **135.3620, -22.8565, -42.4135** is the 20% darker color. If you saturate the color by 10%, you get **181.4070, -31.2597, -53.8539**, and if you desaturate by 10%, it is **199.6930, -18.0896, -31.3028**.

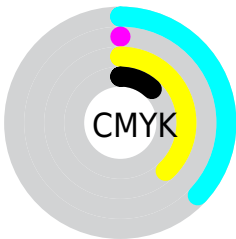
Distribution



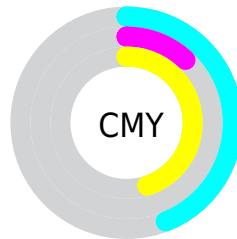
- Red (56%)
- Green (88%)
- Blue (55%)



- Red (55%)
- Yellow (88%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4930, -24.8930, -42.5284 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 190.4930, -24.8930, -42.5284 by changing the saturation by 10% instead.

■ 190.4930,
-24.8930, -42.5284

■ 190.4930,
-24.8930, -42.5284

255.0000, 0.0000,
0.0000

■ 162.7210,
-24.0195, -42.7283

■ 231.0030,
-18.2425, -28.9436

■ 135.3620,
-22.8565, -42.4135

■ 242.9800, -9.8501,
-14.0145

■ 108.2910,
-21.8355, -43.2282

■ 254.5440, -1.7472,
0.3999

■ 81.0240, -20.2248,
-46.5020

■ 55.2410, -19.3458,
-48.4464

■ 38.7420, -19.0998,
-33.9767

■ 25.8280, -12.7332,

-22.6512

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 190.4930,
-24.8930, -42.5284

■ 190.4930,
-24.8930, -42.5284

■ 181.4070,
-31.2597, -53.8539

■ 199.6930,
-18.0896, -31.3028

■ 172.2070,
-38.0631, -65.0795

■ 208.7790,
-11.7230, -19.9772

■ 163.1210,
-44.4297, -76.4051

■ 217.9790, -4.9196,
-8.7516

■ 153.9210,
-51.2331, -87.6307

■ 227.0650, 1.4470,
2.5740

■ 144.8350,
-57.5997, -98.9563

■ 236.2650, 8.2504,
13.7996

■ 135.6350,
-64.4031, -110.1819

■ 237.3900, 8.6817,
15.4440

■ 133.5700,
-65.8500, -112.7559

Harmonies

Analogous

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



198.0290, -44.3843, 2.6056



190.4930, -24.8930, -42.5284



172.8760, 7.4561, -105.1313

Triad

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



190.4930, -24.8930, -42.5284



179.7930, 37.0771, -85.7645



193.2950, -10.4984, 54.1153

Complementary

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



190.4930, -24.8930, -42.5284



174.5070, 24.8930, 42.5284

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.



199.1090, 11.7783, 49.0164



190.4930, -24.8930, -42.5284



200.9100, 26.6664, -13.0761

Square

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



190.4930, -24.8930, -42.5284



162.3190, 45.6917, -142.3538



210.0890, 22.1411, 38.5099



196.0240, -33.0428, 51.7220

Rectangle

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



190.4930, -24.8930, -42.5284



161.6060, 30.2672, -141.7285



210.0890, 22.1411, 38.5099



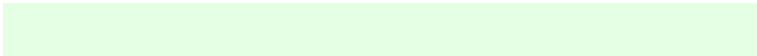
194.0590, -2.4941, 53.4453

Sweetspot

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



190.4930, -24.8930, -42.5284



243.7350, -8.2504, -13.7996



213.5490, -36.2597, 10.0425



120.9790, -4.9196, -8.7516



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.



190.4930, -24.8930, -42.5284



208.4020, -33.7222, -57.3576



194.4550, -7.1263, -47.7570



107.4570, -3.1833, -5.6628



104.5080, -51.5224, -88.1455



28.4750, -14.0382, -24.0956

Inverse Universe

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



174.5070, 24.8930, 42.5284



186.5980, 33.7222, 57.3576



170.5450, 7.1263, 47.7570



105.5430, 3.1833, 5.6628



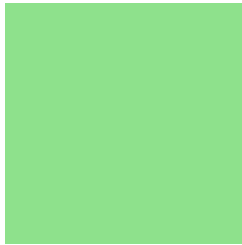
71.4920, 51.5224, 88.1455



19.5250, 14.0382, 24.0956

Previews

White Background



This preview shows how the YUV color 190.4930, -24.8930, -42.5284 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 190.4930, -24.8930, -42.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

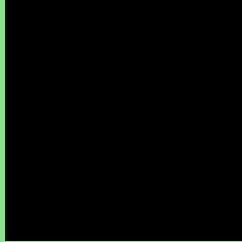
Any Text WCAG AA ✓ Pass

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 190.4930, -24.8930, -42.5284 Background



This preview shows how black text looks on a background with the YUV color 190.4930, -24.8930, -42.5284.



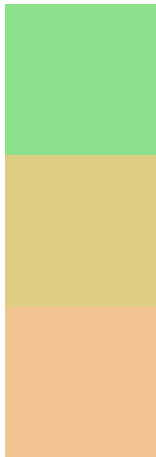
This preview shows how white text looks on a background with the YUV color 190.4930, -24.8930, -42.5284.

-42.5284.

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

190.4930, -24.8930, -42.5284

Protanopia

202.0600, -34.5396, 18.3644

Deuteranopia

204.4670, -28.3312, 33.7934



Tritanopia

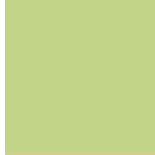
199.4930, 15.5330, -35.5124

Trichromacy



Original Color

190.4930, -24.8930, -42.5284



Protanomaly

197.8400, -30.9801, -3.3677



Deuteranomaly

199.5190, -27.3709, 5.6838



Tritanomaly

196.2850, 0.8455, -37.9609

Monochromacy



Original Color

190.4930, -24.8930, -42.5284



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.4960, -9.1185, -15.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4930, -24.8930, -42.5284 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(142, 225, 140)` looks like.

```
.text, #text, p{  
    color:rgb(142, 225, 140)  
}
```

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(142, 225, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 225, 140) }
```

Border

The CSS property to change the border of an element to YUV 190.4930, -24.8930, -42.5284 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(142, 225, 140) }
```


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

```
.border{ border-color:rgb(142, 225, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 225, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 225, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 225, 140); box-shadow:4px 4px 4px 4px rgb(142, 225, 140) }
```

Background

The CSS property to change the background color of an element to YUV 190.4930, -24.8930, -42.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 225, 140) }
```

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

```
.background{ background-color: rgb(142,  
225, 140) }
```

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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