

Converting Colors

YUV(134.8910, -31.9913,
-52.5244)

Have a look what the booklet for
YUV(134.8910, -31.9913, -52.5244)
contains.

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Color

**YUV(134.8910, -31.9913,
-52.5244)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BB246 |
| RGB | 75, 178, 70 |
| RGB Percent | 29%, 70%, 27% |
| CMY | 0.7059, 0.3020, 0.7255 |
| CMYK | 0.58, 0.00, 0.61, 0.30 |
| HSL | 117°, 44%, 49% |
| HSV | 117°, 61%, 70% |
| XYZ | 19.9275, 33.7788, 11.2640 |
| YIQ | 134.8910, -26.7200, -55.4240 |

Conversions

Conversions Part 2

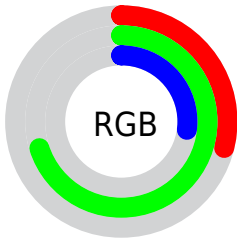
| Format | Color |
|-------------------------------------|--|
| RYB | 70, 178, 173 |
| Decimal | 4960838 |
| CIELab | 64.79, -51.18, 45.40 |
| CIElCh | 65, 68.416, 138.427 |
| Yxy | 33.7788, 0.3067, 0.5199 |
| Android (android.graphics.Color) | 4283150918 (0xFF4BB246) |
| YUV | 134.8910, -31.9913, -52.5244 |
| Hunter-Lab | 58.1196, -40.5067, 29.1928 |

Details

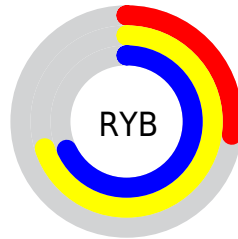
The YUV color **134.8910, -31.9913, -52.5244** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **113.1090, 31.9913, 52.5244**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6200, -34.3227, -51.4097**, and **74.4980, -29.3325, -65.3347** is the 20% darker color. If you saturate the color by 10%, you get **127.7560, -37.3477, -61.1760**, and if you desaturate by 10%, it is **142.0260, -26.6348, -43.8728**.

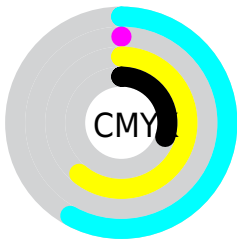
Distribution



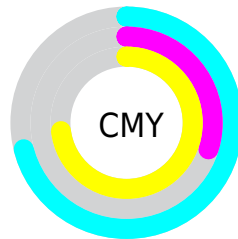
- Red (29%)
- Green (70%)
- Blue (27%)



- Red (27%)
- Yellow (70%)
- Blue (68%)



- Cyan (58%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8910, -31.9913, -52.5244 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 134.8910, -31.9913, -52.5244 by changing the saturation by 10% instead.

■ 134.8910,
-31.9913, -52.5244

■ 134.8910,
-31.9913, -52.5244

■ 255.0000, 0.0000,
0.0000

■ 106.2110,
-30.6700, -56.3130

■ 191.6200,
-34.3227, -51.4097

■ 74.4980, -29.3325,
-65.3347

■ 215.1090,
-32.5917, -46.5766

■ 57.5260, -28.3603,
-50.4503

■ 226.8580,
-25.0730, -31.4475

■ 42.8510, -21.1255,
-37.5803

■ 238.7210,
-17.1175, -16.4183

■ 29.3500, -14.4695,
-25.7399

■ 250.9970, -8.8725,
-0.8744

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,

0.0000

■ 134.8910,
-31.9913, -52.5244

■ 134.8910,
-31.9913, -52.5244

■ 127.7560,
-37.3477, -61.1760

■ 142.0260,
-26.6348, -43.8728

■ 120.6210,
-42.7042, -69.8276

■ 149.1610,
-21.2784, -35.2212

■ 113.6000,
-47.6238, -78.5792

■ 156.1820,
-16.3587, -26.4696

■ 106.8780,
-52.6909, -86.7160

■ 163.3170,
-11.0023, -17.8180

■ 170.4520, -5.6458,
-9.1664

■ 177.5870, -0.2894,
-0.5148

■ 184.7220, 5.0671,
8.1368

■ 191.7430, 9.9867,
16.8884

■ 198.8780, 15.3431,
25.5400

Harmonies

Analogous

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



144.4150, -63.3086, 5.7750



134.8910, -31.9913, -52.5244



122.9420, 3.9726, -107.8201

Triad

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



134.8910, -31.9913, -52.5244



129.4470, 61.8976, -113.5250



147.6790, -12.6597, 94.1205

Complementary

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



134.8910, -31.9913, -52.5244



113.1090, 31.9913, 52.5244

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.



155.9210, 13.8429, 86.8923



134.8910, -31.9913, -52.5244



149.9990, 51.7655, -36.8331

Square

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



134.8910, -31.9913, -52.5244



135.1060, 55.6567, -118.4880



161.9270, 37.9970, 39.5290



152.2300, -42.0184, 83.9903

Rectangle

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



134.8910, -31.9913, -52.5244



128.9040, 21.7393, -113.0488



161.9270, 37.9970, 39.5290



148.7850, -3.3450, 93.1506

Sweetspot

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



134.8910, -31.9913, -52.5244



215.2520, -12.4492, -20.3920



162.7530, -45.7272, 13.3716



106.8600, -7.8190, -12.1552



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.8910, -31.9913, -52.5244



164.2960, -49.9389, -82.6976



138.9820, -9.8511, -60.4972



85.5820, -2.7519, -4.0184



91.9040, -45.3087, -74.4608



15.5610, -7.6716, -12.7700

Inverse Universe

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



113.1090, 31.9913, 52.5244



130.4050, 50.0863, 82.0828



109.0180, 9.8511, 60.4972



83.7170, 2.6045, 4.6332



61.0960, 45.3087, 74.4608



10.1400, 7.8190, 12.1552

Previews

White Background



This preview shows how the YUV color 134.8910, -31.9913, -52.5244 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 134.8910, -31.9913, -52.5244 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 134.8910, -31.9913, -52.5244 Background



This preview shows how black text looks on a background with the YUV color 134.8910, -31.9913, -52.5244.



This preview shows how white text looks on a background with the YUV color 134.8910, -31.9913, -52.5244.

-52.5244.

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

134.8910, -31.9913, -52.5244

Protanopia

150.8940, -42.8387, 20.2640

Deuteranopia

153.8770, -36.9144, 33.4339



Tritanopia

148.4490, 15.5546, -42.4898

Trichromacy



Original Color

134.8910, -31.9913, -52.5244



Protanomaly

145.0540, -38.9736, -6.1864



Deuteranomaly

147.1350, -35.0696, 1.6356



Tritanomaly

143.5460, -1.7482, -46.0828

Monochromacy



Original Color

134.8910, -31.9913, -52.5244



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0780, -11.8705, -19.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8910, -31.9913, -52.5244 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(75, 178, 70)` looks like.

```
.text, #text, p{  
    color:rgb(75, 178, 70)  
}
```

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(75, 178, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 178, 70) }
```

Border

The CSS property to change the border of an element to YUV 134.8910, -31.9913, -52.5244 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(75, 178, 70) }
```


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

```
.border{ border-color:rgb(75, 178, 70) }
```

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

Here you see how a box with a 4 pixel rgb(75, 178, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 178, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 178, 70);  
box-shadow:4px 4px 4px 4px rgb(75, 178,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 134.8910, -31.9913, -52.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 178, 70) }
```

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

```
.background{ background-color: rgb(75, 178,  
70) }
```

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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