

Converting Colors

YUV(154.2980, -52.4049,
8.5087)

Have a look what the booklet for
YUV(154.2980, -52.4049, 8.5087)
contains.

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Color

**YUV(154.2980, -52.4049,
8.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AA30
RGB	164, 170, 48
RGB Percent	64%, 67%, 19%
CMY	0.3569, 0.3333, 0.8118
CMYK	0.04, 0.00, 0.72, 0.33
HSL	63°, 56%, 43%
HSV	63°, 72%, 67%
XYZ	30.2181, 36.8554, 8.3174
YIQ	154.2980, 35.5860, -39.2140

Conversions

Conversions Part 2

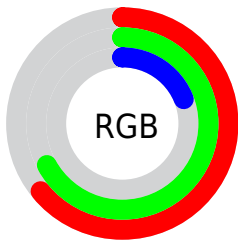
Format	Color
RYB	48, 170, 54
Decimal	10791472
CIELab	67.17, -17.23, 58.53
CIELCh	67, 61.016, 106.402
Yxy	36.8554, 0.4008, 0.4889
Android (android.graphics.Color)	4288981552 (0xFFA4AA30)
YUV	154.2980, -52.4049, 8.5087
Hunter-Lab	60.7086, -17.3907, 34.3730

Details

The YUV color **154.2980, -52.4049, 8.5087** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **63.7020, 52.4049, -8.5087**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0810, -53.2839, 10.4530**, and **101.8570, -50.2155, 6.2644** is the 20% darker color. If you saturate the color by 10%, you get **152.0610, -59.6831, 9.5935**, and if you desaturate by 10%, it is **156.5350, -45.1268, 7.4238**.

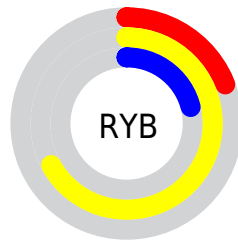
Distribution



Red (64%)

Green (67%)

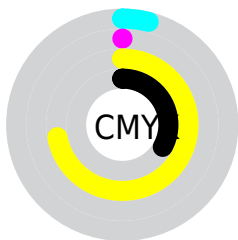
Blue (19%)



Red (19%)

Yellow (67%)

Blue (21%)

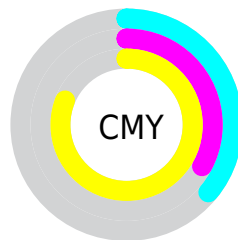


Cyan (4%)

Magenta (0%)

Yellow (72%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2980, -52.4049, 8.5087 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 154.2980, -52.4049, 8.5087 by changing the saturation by 10% instead.

■ 154.2980,
-52.4049, 8.5087

■ 154.2980,
-52.4049, 8.5087

■ 255.0000, 0.0000,
0.0000

■ 126.7880,
-55.6045, 8.0789

■ 210.0810,
-53.2839, 10.4530

■ 101.8570,
-50.2155, 6.2644

■ 238.8530,
-54.1575, 10.6529

■ 79.1090, -39.0007,
2.5354

■ 243.8280,
-42.8062, 9.7978

■ 57.8340, -28.5122,
-1.6084

■ 247.0200,
-30.5759, 6.9985

■ 37.1460, -18.3130,
-6.2670

■ 250.2120,
-18.3455, 4.1991

■ 16.4360, -8.1029,
-14.4144

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 154.2980,
-52.4049, 8.5087

■ 154.2980,
-52.4049, 8.5087

■ 152.0610,
-59.6831, 9.5935

■ 156.5350,
-45.1268, 7.4238

■ 149.8240,
-66.9612, 10.6784

■ 158.7720,
-37.8486, 6.3390

■ 148.2280,
-73.0764, 12.0780

■ 161.0090,
-30.5704, 5.2541

■ 162.9470,
-23.1449, 3.5545

■ 165.1840,
-15.8667, 2.4696

■ 167.4210, -8.5886,
1.3848

■ 169.6580, -1.3104,
0.2999

■ 171.8950, 5.9678,
-0.7849

■ 174.1320, 13.2459,
-1.8698

Harmonies

Analogous

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



158.9100, -53.6926, 48.3139



154.2980, -52.4049, 8.5087



146.3100, -30.7188, -40.6139

Triad

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



154.2980, -52.4049, 8.5087



137.3570, 51.5890, -120.4621



164.9150, 12.8599, 75.4965

Complementary

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



154.2980, -52.4049, 8.5087



63.7020, 52.4049, -8.5087

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.



168.4870, 35.2559, 32.0219



154.2980, -52.4049, 8.5087



132.9690, 60.1613, -116.6138

Square

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



154.2980, -52.4049, 8.5087



133.5320, 29.3177, -117.1076



157.6850, 47.9763, -34.8037



158.6670, -11.1748, 84.4840

Rectangle

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



154.2980, -52.4049, 8.5087



124.9010, -3.8952, -104.2762



157.6850, 47.9763, -34.8037



166.9010, 20.7548, 63.2308

Sweetspot

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



154.2980, -52.4049, 8.5087



215.5170, -20.9609, 3.0546



86.8260, -19.1412, 72.9436



108.3950, -12.5197, 2.2846



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



154.2980, -52.4049, 8.5087



197.2360, -81.9543, 12.9480



136.6570, -43.7079, -27.7632



83.0880, -3.4944, 0.7998



129.0350, -63.6143, 10.4933



17.4210, -8.5886, 1.3848

Inverse Universe

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



63.7020, 52.4049, -8.5087



55.4650, 82.1018, -13.5628



81.3430, 43.7079, 27.7632



76.9120, 3.4944, -0.7998



18.9650, 63.6143, -10.4933



2.5790, 8.5886, -1.3848

Previews

White Background



This preview shows how the YUV color 154.2980, -52.4049, 8.5087 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 154.2980, -52.4049, 8.5087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

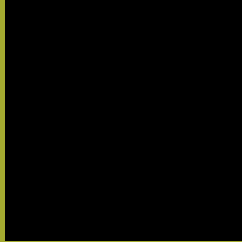
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.2980, -52.4049, 8.5087

Background



This preview shows how black text looks on a background with the YUV color 154.2980, -52.4049, 8.5087.



This preview shows how white text looks on a background with the YUV color 154.2980, -52.4049, 8.5087.

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

154.2980, -52.4049, 8.5087

Protanopia

156.2290, -54.3429, 23.4782

Deuteranopia

158.1370, -51.3395, 40.2219



Tritanopia

165.1520, 2.8831, 8.6367

Trichromacy



Original Color

154.2980, -52.4049, 8.5087

Protanomaly

155.4240, -53.4530, 18.0452

Deuteranomaly

156.3590, -51.4490, 28.6262

Tritanomaly

161.1740, -17.3408, 8.6174

Monochromacy



Original Color

154.2980, -52.4049, 8.5087

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2720, -19.3611, 3.2695

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2980, -52.4049, 8.5087 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(164, 170, 48)` looks like.

```
.text, #text, p{  
    color:rgb(164, 170, 48)  
}
```

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(164, 170, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 48) }
```

Border

The CSS property to change the border of an element to YUV 154.2980, -52.4049, 8.5087 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(164, 170, 48) }
```


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

```
.border{ border-color:rgb(164, 170, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 170, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 170, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 170, 48);  
box-shadow:4px 4px 4px 4px rgb(164, 170,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 154.2980, -52.4049, 8.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 48) }
```

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

```
.background{ background-color: rgb(164,  
170, 48) }
```

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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