

Converting Colors

YUV(172.7060, -58.0291,
-7.6352)

Have a look what the booklet for
YUV(172.7060, -58.0291, -7.6352)
contains.

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Color

**YUV(172.7060, -58.0291,
-7.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C837
RGB	164, 200, 55
RGB Percent	64%, 78%, 22%
CMY	0.3569, 0.2157, 0.7843
CMYK	0.18, 0.00, 0.72, 0.22
HSL	75°, 57%, 50%
HSV	75°, 72%, 78%
XYZ	36.6537, 49.4769, 11.2326
YIQ	172.7060, 25.0890, -52.7270

Conversions

Conversions Part 2

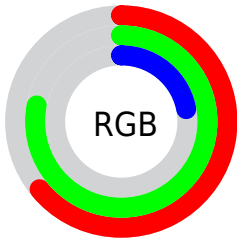
Format	Color
RYB	55, 200, 91
Decimal	10799159
CIELab	75.75, -31.52, 64.38
CIELCh	76, 71.687, 116.085
Yxy	49.4769, 0.3765, 0.5082
Android (android.graphics.Color)	4288989239 (0xFFA4C837)
YUV	172.7060, -58.0291, -7.6352
Hunter-Lab	70.3398, -30.0793, 39.7698

Details

The YUV color **172.7060, -58.0291, -7.6352** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **82.2940, 58.0291, 7.6352**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7170, -58.0345, -5.8908**, and **117.9940, -58.1710, -8.7647** is the 20% darker color. If you saturate the color by 10%, you get **168.9310, -66.0280, -8.7095**, and if you desaturate by 10%, it is **176.4810, -50.0301, -6.5608**.

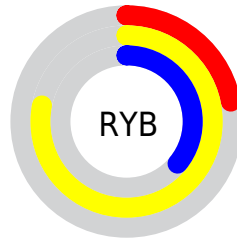
Distribution



Red (64%)

Green (78%)

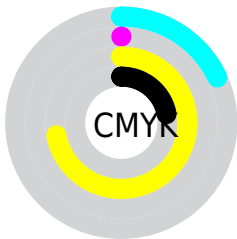
Blue (22%)



Red (22%)

Yellow (78%)

Blue (36%)

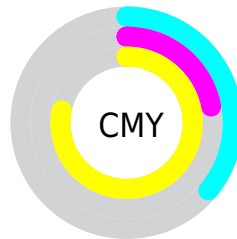


Cyan (18%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7060, -58.0291, -7.6352 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 172.7060, -58.0291, -7.6352 by changing the saturation by 10% instead.

■ 172.7060,
-58.0291, -7.6352

■ 172.7060,
-58.0291, -7.6352

255.0000, 0.0000,
0.0000

■ 144.4950,
-61.3760, -7.4501

■ 228.7170,
-58.0345, -5.8908

■ 117.9940,
-58.1710, -8.7647

■ 240.8790,
-50.2263, 9.7531

■ 94.6590, -46.6669,
-11.9789

■ 244.9680,
-38.4382, 8.7981

■ 71.9110, -35.4521,
-15.7079

■ 248.2740,
-25.7711, 5.8987

■ 48.8530, -24.0845,
-21.7961

■ 251.5800,
-13.1039, 2.9993

■ 28.1760, -13.8908,
-24.7104

254.8860, -0.4368,

■ 16.4360, -8.1029,

0.1000

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 172.7060,
-58.0291, -7.6352

■ 172.7060,
-58.0291, -7.6352

■ 168.9310,
-66.0280, -8.7095

■ 176.4810,
-50.0301, -6.5608

■ 165.1560,
-74.0269, -9.7838

■ 180.2560,
-42.0312, -5.4865

■ 162.2500,
-79.9892, -10.7432

■ 184.0310,
-34.0323, -4.4122

■ 187.8060,
-26.0334, -3.3379

■ 191.5810,
-18.0344, -2.2635

■ 195.3560,
-10.0355, -1.1892

■ 199.1310, -2.0366,
-0.1149

■ 202.9060, 5.9623,
0.9594

■ 206.6810, 13.9613,
2.0338

Harmonies

Analogous

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



178.2780, -68.6641, 43.6062



172.7060, -58.0291, -7.6352



157.8000, -24.0584, -77.0006

Triad

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



172.7060, -58.0291, -7.6352



153.5140, 50.0326, -134.6318



171.6050, 13.0127, 73.1374

Complementary

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



172.7060, -58.0291, -7.6352



82.2940, 58.0291, 7.6352

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.



189.8430, 32.1224, 57.1427



172.7060, -58.0291, -7.6352



144.7090, 54.3735, -126.9098

Square

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



172.7060, -58.0291, -7.6352



155.6680, 43.0547, -136.5208



181.7500, 36.1123, -9.4277



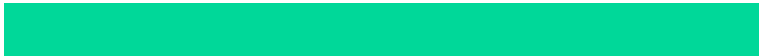
167.6030, -17.5523, 76.6472

Rectangle

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



172.7060, -58.0291, -7.6352



144.2340, 4.3216, -126.4932



181.7500, 36.1123, -9.4277



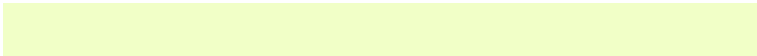
176.4610, 21.4647, 68.8787

Sweetspot

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



172.7060, -58.0291, -7.6352



244.4300, -22.3970, -3.0081



118.3130, -31.2133, 71.6395



121.4330, -13.5245, -2.1337



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.



172.7060, -58.0291, -7.6352



213.2470, -88.8618, -11.6176



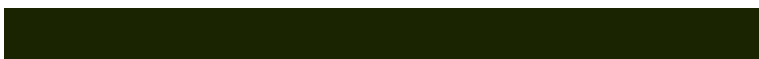
151.7760, -47.7106, -50.6696



97.3760, -3.6364, -0.3298



132.4580, -65.3018, -8.2947



29.2050, -14.3981, -1.9338

Inverse Universe

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



82.2940, 58.0291, 7.6352



74.7530, 88.8618, 11.6176



103.2240, 47.7106, 50.6696



91.6240, 3.6364, 0.3298



30.8410, 65.1544, 8.9094



6.7950, 14.3981, 1.9338

Previews

White Background



This preview shows how the YUV color 172.7060, -58.0291, -7.6352 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 172.7060, -58.0291, -7.6352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

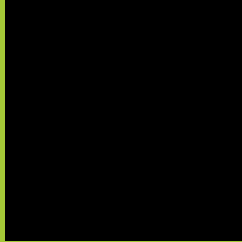
Any Text WCAG AA ✓ Pass

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 172.7060, -58.0291, -7.6352 Background



This preview shows how black text looks on a background with the YUV color 172.7060, -58.0291, -7.6352.



This preview shows how white text looks on a background with the YUV color 172.7060, -58.0291, -7.6352.

-7.6352.

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

172.7060, -58.0291, -7.6352

Protanopia

178.1880, -62.2107, 27.0221

Deuteranopia

180.8620, -57.6130, 45.7250



Tritanopia

186.5030, 7.1470, -5.7031

Trichromacy



Original Color

172.7060, -58.0291, -7.6352

Protanomaly

176.4530, -60.8623, 14.5117

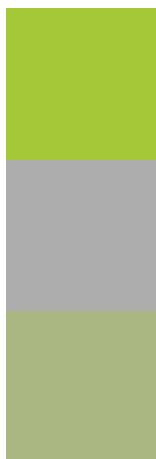
Deuteranomaly

177.7410, -57.5533, 26.5371

Tritanomaly

181.6020, -16.5658, -6.6670

Monochromacy



Original Color

172.7060, -58.0291, -7.6352

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0710, -21.2340, -2.6933

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7060, -58.0291, -7.6352 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, 200, 55)` looks like.

```
.text, #text, p{  
    color:rgb(164, 200, 55)  
}
```

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, 200, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 200, 55) }
```

Border

The CSS property to change the border of an element to YUV 172.7060, -58.0291, -7.6352 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, 200, 55) }
```


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

```
.border{ border-color:rgb(164, 200, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 200, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 200, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 200, 55);  
box-shadow:4px 4px 4px 4px rgb(164, 200,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 172.7060, -58.0291, -7.6352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 200, 55) }
```

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

```
.background{ background-color: rgb(164,  
200, 55) }
```

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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