

Converting Colors

YUV(178.2960, -49.4459,
-7.2756)

Have a look what the booklet for
YUV(178.2960, -49.4459, -7.2756)
contains.

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Color

**YUV(178.2960, -49.4459,
-7.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	AACA4E
RGB	170, 202, 78
RGB Percent	67%, 79%, 31%
CMY	0.3333, 0.2078, 0.6941
CMYK	0.16, 0.00, 0.61, 0.21
HSL	75°, 54%, 55%
HSV	75°, 61%, 79%
XYZ	39.0732, 51.3372, 15.0574
YIQ	178.2960, 20.7320, -45.3480

Conversions

Conversions Part 2

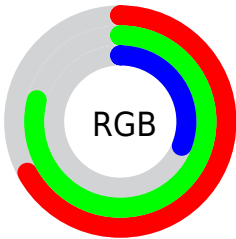
Format	Color
RYB	78, 202, 110
Decimal	11192910
CIELab	76.88, -28.58, 56.72
CIELCh	77, 63.511, 116.743
Yxy	51.3372, 0.3705, 0.4868
Android (android.graphics.Color)	4289382990 (0xFFAACA4E)
YUV	178.2960, -49.4459, -7.2756
Hunter-Lab	71.6500, -28.0451, 37.6950

Details

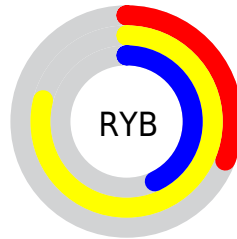
The YUV color **178.2960, -49.4459, -7.2756** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **101.7040, 49.4459, 7.2756**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9050, -49.7462, -4.3017**, and **123.4270, -51.4825, -7.3905** is the 20% darker color. If you saturate the color by 10%, you get **174.5210, -57.4449, -8.3499**, and if you desaturate by 10%, it is **182.0710, -41.4470, -6.2013**.

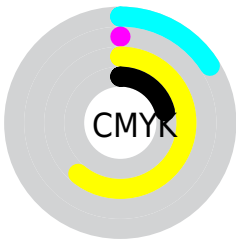
Distribution



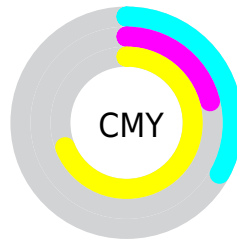
- Red (67%)
- Green (79%)
- Blue (31%)



- Red (31%)
- Yellow (79%)
- Blue (43%)



- Cyan (16%)
- Magenta (0%)
- Yellow (61%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2960, -49.4459, -7.2756 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 178.2960, -49.4459, -7.2756 by changing the saturation by 10% instead.

■ 178.2960,
-49.4459, -7.2756

■ 178.2960,
-49.4459, -7.2756

■ 255.0000, 0.0000,
0.0000

■ 150.9970,
-49.2985, -7.8904

■ 232.9050,
-49.7462, -4.3017

■ 123.4270,
-51.4825, -7.3905

■ 244.0560,
-41.9326, 9.5979

■ 97.9260, -48.2775,
-8.7051

■ 247.2480,
-29.7023, 6.7985

■ 75.1780, -37.0628,
-12.4341

■ 250.5540,
-17.0351, 3.8991

■ 53.0170, -26.1374,
-16.6779

■ 253.8600, -4.3680,
0.9998

■ 29.9480, -14.7644,
-24.5104

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 178.2960,
-49.4459, -7.2756

■ 178.2960,
-49.4459, -7.2756

■ 174.5210,
-57.4449, -8.3499

■ 182.0710,
-41.4470, -6.2013

■ 170.7460,
-65.4438, -9.4242

■ 185.8460,
-33.4481, -5.1269

■ 166.5580,
-73.7321, -11.0134

■ 190.0340,
-25.1598, -3.5378

■ 163.4240,
-80.5680, -11.7728

■ 193.8090,
-17.1608, -2.4635

■ 197.5840, -9.1619,
-1.3892

■ 201.3590, -1.1630,
-0.3148

■ 205.1340, 6.8359,
0.7595

■ 209.3220, 15.1243,
2.3486

■ 212.5270, 20.9392,
3.9228

Harmonies

Analogous

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



184.1770, -58.7543, 38.4328



178.2960, -49.4459, -7.2756



166.7460, -22.0598, -64.6752

Triad

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



178.2960, -49.4459, -7.2756



153.5140, 50.0326, -134.6318



179.9370, 9.3981, 65.8303

Complementary

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



178.2960, -49.4459, -7.2756



101.7040, 49.4459, 7.2756

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.



195.1260, 29.5179, 52.5095



178.2960, -49.4459, -7.2756



145.2960, 54.0841, -127.4246

Square

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



178.2960, -49.4459, -7.2756



155.4400, 42.1811, -136.3209



187.0880, 33.4806, -5.3392



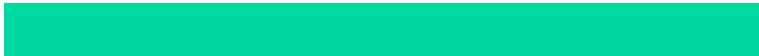
175.5590, -17.5306, 69.6698

Rectangle

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



178.2960, -49.4459, -7.2756



145.7330, 7.5266, -127.8078



187.0880, 33.4806, -5.3392



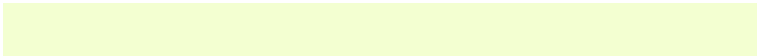
183.8640, 16.8290, 62.3863

Sweetspot

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



178.2960, -49.4459, -7.2756



246.1680, -18.3238, -2.7783



133.2730, -27.2496, 60.2736



122.3020, -11.4879, -2.0189



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.



178.2960, -49.4459, -7.2756



218.8030, -75.3319, -11.2282



160.0570, -40.4541, -44.7770



99.9630, -3.9258, -0.8446



134.2190, -66.1700, -9.8391



30.6780, -15.1243, -2.3486

Inverse Universe

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



101.7040, 49.4459, 7.2756



102.1970, 75.3319, 11.2282



119.9430, 40.4541, 44.7770



93.7380, 4.0732, 0.2298



31.7810, 66.1700, 9.8391



7.3220, 15.1243, 2.3486

Previews

White Background



This preview shows how the YUV color 178.2960, -49.4459, -7.2756 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 178.2960, -49.4459, -7.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

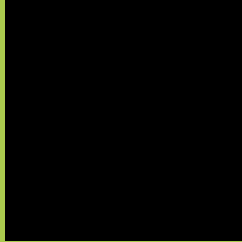
Any Text WCAG AA ✓ Pass

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 178.2960, -49.4459, -7.2756 Background



This preview shows how black text looks on a background with the YUV color 178.2960, -49.4459, -7.2756.



This preview shows how white text looks on a background with the YUV color 178.2960, -49.4459, -7.2756.

-7.2756.

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

178.2960, -49.4459, -7.2756

Protanopia

183.0550, -53.7641, 24.5078

Deuteranopia

185.3160, -49.4558, 42.6959



Tritanopia

189.2150, 7.2890, -4.5736

Trichromacy



Original Color

178.2960, -49.4459, -7.2756

Protanomaly

181.0320, -52.2738, 13.1269

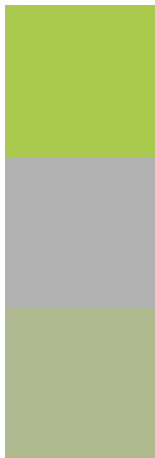
Deuteranomaly

182.7930, -49.6909, 24.7375

Tritanomaly

185.4110, -13.5136, -5.6224

Monochromacy



Original Color

178.2960, -49.4459, -7.2756

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.2820, -17.8870, -2.8783

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2960, -49.4459, -7.2756 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(170, 202, 78)` looks like.

```
.text, #text, p{  
    color:rgb(170, 202, 78)  
}
```

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(170, 202, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 202, 78) }
```

Border

The CSS property to change the border of an element to YUV 178.2960, -49.4459, -7.2756 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(170, 202, 78) }
```


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

```
.border{ border-color:rgb(170, 202, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 202, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 202, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 202, 78);  
box-shadow:4px 4px 4px 4px rgb(170, 202,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 178.2960, -49.4459, -7.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 202, 78) }
```

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

```
.background{ background-color: rgb(170,  
202, 78) }
```

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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