

Converting Colors

YUV(176.1950, -56.2981,
-2.8020)

Have a look what the booklet for
YUV(176.1950, -56.2981, -2.8020)
contains.

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Color

**YUV(176.1950, -56.2981,
-2.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC83E
RGB	173, 200, 62
RGB Percent	68%, 78%, 24%
CMY	0.3216, 0.2157, 0.7569
CMYK	0.13, 0.00, 0.69, 0.22
HSL	72°, 56%, 51%
HSV	72°, 69%, 78%
XYZ	38.7574, 50.5406, 12.2700
YIQ	176.1950, 28.2060, -48.6420

Conversions

Conversions Part 2

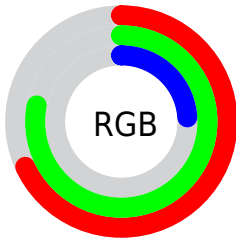
Format	Color
RYB	62, 200, 89
Decimal	11388990
CIELab	76.40, -27.50, 62.71
CIELCh	76, 68.473, 113.681
Yxy	50.5406, 0.3816, 0.4976
Android (android.graphics.Color)	4289579070 (0xFFADC83E)
YUV	176.1950, -56.2981, -2.8020
Hunter-Lab	71.0919, -27.0975, 39.5313

Details

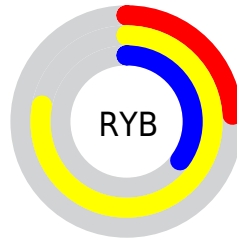
The YUV color **176.1950, -56.2981, -2.8020** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **85.8050, 56.2981, 2.8020**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0920, -56.7404, -0.9577**, and **120.6850, -59.4977, -3.2317** is the 20% darker color. If you saturate the color by 10%, you get **172.7190, -64.4445, -3.2616**, and if you desaturate by 10%, it is **179.6710, -48.1518, -2.3425**.

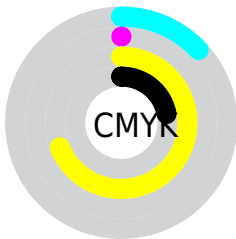
Distribution



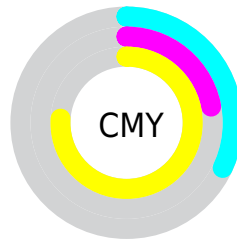
- Red (68%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (35%)



- Cyan (13%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1950, -56.2981, -2.8020 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 176.1950, -56.2981, -2.8020 by changing the saturation by 10% instead.

■ 176.1950,
-56.2981, -2.8020

■ 176.1950,
-56.2981, -2.8020

255.0000, 0.0000,
0.0000

■ 148.4400,
-57.8979, -3.0169

■ 232.0920,
-56.7404, -0.9577

■ 120.6850,
-59.4977, -3.2317

■ 242.4600,
-48.0478, 10.9976

■ 97.3500, -47.9935,
-6.4459

■ 245.6520,
-35.8174, 8.1982

■ 74.9010, -36.9262,
-9.5602

■ 248.8440,
-23.5871, 5.3988

■ 52.7290, -25.9954,
-15.5483

■ 252.1500,
-10.9200, 2.4994

■ 29.9590, -14.7698,
-22.7660

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 176.1950,
-56.2981, -2.8020

■ 176.1950,
-56.2981, -2.8020

■ 172.7190,
-64.4445, -3.2616

■ 179.6710,
-48.1518, -2.3425

■ 169.2430,
-72.5908, -3.7211

■ 183.1470,
-40.0055, -1.8829

■ 165.7670,
-80.7371, -4.1807

■ 186.6230,
-31.8591, -1.4234

■ 165.5390,
-81.6107, -3.9807

■ 190.0990,
-23.7128, -0.9638

■ 193.5750,
-15.5665, -0.5043

■ 196.7520, -7.2727,
-0.6595

■ 200.2280, 0.8736,
-0.2000

■ 203.7040, 9.0199,
0.2596

■ 207.1800, 17.1663,
0.7191

Harmonies

Analogous

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



181.8420, -64.0121, 44.8656



176.1950, -56.2981, -2.8020



164.1930, -26.7171, -64.1903

Triad

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



176.1950, -56.2981, -2.8020



154.1010, 49.7432, -135.1466



176.5120, 14.0446, 68.8340

Complementary

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



176.1950, -56.2981, -2.8020



85.8050, 56.2981, 2.8020

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.



192.7670, 30.6809, 52.8243



176.1950, -56.2981, -2.8020



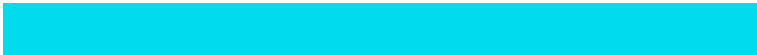
146.4700, 53.5053, -128.4542

Square

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



176.1950, -56.2981, -2.8020



155.5710, 40.1445, -136.4358



182.6030, 35.6917, -14.5608



170.9770, -14.7787, 73.6882

Rectangle

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



176.1950, -56.2981, -2.8020



144.5930, 3.1587, -126.8081



182.6030, 35.6917, -14.5608



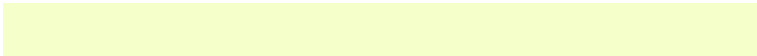
181.8410, 21.7704, 64.1604

Sweetspot

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



176.1950, -56.2981, -2.8020



245.8540, -22.1130, -0.7490



117.9370, -27.5769, 71.9693



122.2590, -12.9457, -1.1041



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.



176.1950, -56.2981, -2.8020



218.5730, -86.5575, -4.0105



156.1620, -46.4219, -43.9921



97.6750, -3.7838, 0.2850



134.8500, -66.4810, -3.3764



29.8030, -14.6929, -0.7042

Inverse Universe

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



85.8050, 56.2981, 2.8020



79.7260, 86.4101, 4.6253



105.8380, 46.4219, 43.9921



91.3250, 3.7838, -0.2850



28.1500, 66.4810, 3.3765



6.1970, 14.6929, 0.7042

Previews

White Background



This preview shows how the YUV color 176.1950, -56.2981, -2.8020 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 176.1950, -56.2981, -2.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

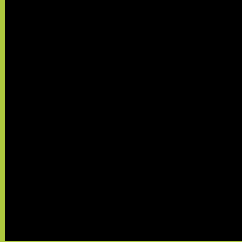
Any Text WCAG AA ✓ Pass

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 176.1950, -56.2981, -2.8020 Background



This preview shows how black text looks on a background with the YUV color 176.1950, -56.2981, -2.8020.



This preview shows how white text looks on a background with the YUV color 176.1950, -56.2981, -2.8020.

-2.8020.

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

176.1950, -56.2981, -2.8020

Protanopia

180.1710, -59.7373, 27.0370

Deuteranopia

183.0190, -55.7184, 44.7103



Tritanopia

188.7100, 6.5520, -1.4997

Trichromacy



Original Color

176.1950, -56.2981, -2.8020

Protanomaly

178.4470, -58.3944, 16.2710

Deuteranomaly

180.7950, -56.1009, 27.3668

Tritanomaly

184.3360, -16.4346, -2.0487

Monochromacy



Original Color

176.1950, -56.2981, -2.8020

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.3100, -20.3658, -1.1489

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1950, -56.2981, -2.8020 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(173, 200, 62)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 62)  
}
```

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(173, 200, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 62) }
```

Border

The CSS property to change the border of an element to YUV 176.1950, -56.2981, -2.8020 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(173, 200, 62) }
```


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

```
.border{ border-color:rgb(173, 200, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 200, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 62);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 176.1950, -56.2981, -2.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 62) }
```

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

```
.background{ background-color: rgb(173,  
200, 62) }
```

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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