

Converting Colors

YUV(195.6940, -56.5441,
-17.2716)

Have a look what the booklet for
YUV(195.6940, -56.5441, -17.2716)
contains.

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Color

**YUV(195.6940, -56.5441,
-17.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E451
RGB	176, 228, 81
RGB Percent	69%, 89%, 32%
CMY	0.3098, 0.1059, 0.6824
CMYK	0.23, 0.00, 0.64, 0.11
HSL	81°, 73%, 61%
HSV	81°, 64%, 89%
XYZ	47.1331, 65.3110, 17.9067
YIQ	195.6940, 16.1950, -56.7410

Conversions

Conversions Part 2

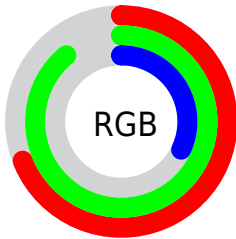
Format	Color
RYB	81, 228, 133
Decimal	11592785
CIELab	84.64, -38.05, 63.95
CIELCh	85, 74.411, 120.752
Yxy	65.3110, 0.3616, 0.5010
Android (android.graphics.Color)	4289782865 (0xFFB0E451)
YUV	195.6940, -56.5441, -17.2716
Hunter-Lab	80.8152, -37.3217, 43.4334

Details

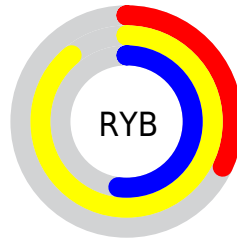
The YUV color **195.6940, -56.5441, -17.2716** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **113.3060, 56.5441, 17.2716**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1550, -48.8834, -1.0129**, and **138.2550, -60.7647, -16.8866** is the 20% darker color. If you saturate the color by 10%, you get **190.6800, -65.4112, -19.8904**, and if you desaturate by 10%, it is **200.7080, -47.6770, -14.6529**.

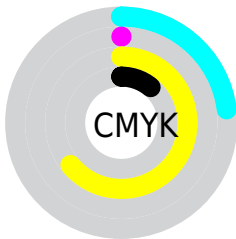
Distribution



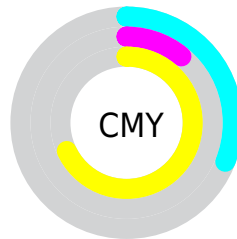
- Red (69%)
- Green (89%)
- Blue (32%)



- Red (32%)
- Yellow (89%)
- Blue (52%)



- Cyan (23%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6940, -56.5441, -17.2716 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 195.6940, -56.5441, -17.2716 by changing the saturation by 10% instead.

■ 195.6940,
-56.5441, -17.2716

■ 195.6940,
-56.5441, -17.2716

■ 255.0000, 0.0000,
0.0000

■ 167.2810,
-56.8335, -17.7864

■ 235.1550,
-48.8834, -1.0129

■ 138.2550,
-60.7647, -16.8866

■ 244.6260,
-39.7486, 9.0980

■ 112.9110,
-55.6651, -19.2159

■ 247.9320,
-27.0815, 6.1986

■ 89.2770, -44.0136,
-23.0449

■ 251.2380,
-14.4143, 3.2993

■ 65.3440, -32.2146,
-27.4887

■ 254.5440, -1.7472,
0.3999

■ 41.0900, -20.2574,
-36.0359

■ 27.5890, -13.6014,

-24.1956

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 195.6940,
-56.5441, -17.2716

■ 195.6940,
-56.5441, -17.2716

■ 190.6800,
-65.4112, -19.8904

■ 200.7080,
-47.6770, -14.6529

■ 185.6660,
-74.2783, -22.5091

■ 205.7220,
-38.8099, -12.0342

■ 180.7660,
-82.7086, -25.2278

■ 210.6220,
-30.3796, -9.3155

■ 177.7890,
-87.6500, -27.0020

■ 215.6360,
-21.5125, -6.6968

220.6500,
-12.6454, -4.0780

225.6640, -3.7784,
-1.4593

230.6780, 5.0887,
1.1594

234.9650, 9.8773,
5.2927

237.3570, 8.6980,
10.2109

Harmonies

Analogous

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



202.4470, -71.7054, 39.0730



195.6940, -56.5441, -17.2716



177.0580, -18.7626, -95.6439

Triad

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



195.6940, -56.5441, -17.2716



167.6020, 43.0872, -146.9870



186.1150, 12.7613, 60.4121

Complementary

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



195.6940, -56.5441, -17.2716



113.3060, 56.5441, 17.2716

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.



200.4090, 26.9134, 47.8763



195.6940, -56.5441, -17.2716



157.6230, 48.0069, -138.2354

Square

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



195.6940, -56.5441, -17.2716



172.2980, 40.7721, -151.1053



206.0590, 24.1279, 7.8413



184.1190, -20.2717, 62.1626

Rectangle

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



195.6940, -56.5441, -17.2716



164.4320, 10.6330, -144.2069



206.0590, 24.1279, 7.8413



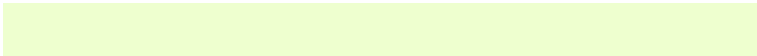
190.6120, 22.3763, 56.4683

Sweetspot

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



195.6940, -56.5441, -17.2716



244.4450, -18.4604, -5.6523



154.8900, -36.4278, 64.1175



121.2910, -11.4825, -3.7632



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.



195.6940, -56.5441, -17.2716



212.0250, -75.4413, -22.8239



173.8670, -45.7834, -62.1504



112.4360, -4.6519, -1.2594



139.4580, -68.7528, -21.4497



39.8040, -19.6234, -5.9671

Inverse Universe

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



113.3060, 56.5441, 17.2716



101.9750, 75.4413, 22.8239



135.1330, 45.7834, 62.1504



105.5640, 4.6519, 1.2594



39.2430, 68.9002, 20.8349



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 195.6940, -56.5441, -17.2716 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 195.6940, -56.5441, -17.2716 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 195.6940, -56.5441, -17.2716 Background



This preview shows how black text looks on a background with the YUV color 195.6940, -56.5441, -17.2716.



This preview shows how white text looks on a background with the YUV color 195.6940, -56.5441, -17.2716.

-17.2716.

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

195.6940, -56.5441, -17.2716

Protanopia

202.7860, -62.5055, 28.2517

Deuteranopia

208.0430, -45.3772, 41.1813



Tritanopia

209.2570, 10.2263, -13.3804

Trichromacy



Original Color

195.6940, -56.5441, -17.2716

Protanomaly

200.2570, -60.2727, 12.0526

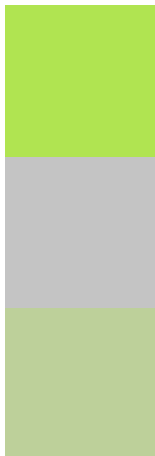
Deuteranomaly

203.1730, -49.3853, 20.0193

Tritanomaly

203.9430, -13.7759, -14.8590

Monochromacy



Original Color

195.6940, -56.5441, -17.2716

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1630, -20.7864, -6.2820

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6940, -56.5441, -17.2716 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(176, 228, 81)` looks like.

```
.text, #text, p{  
    color:rgb(176, 228, 81)  
}
```

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(176, 228, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 228, 81) }
```

Border

The CSS property to change the border of an element to YUV 195.6940, -56.5441, -17.2716 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(176, 228, 81) }
```


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

```
.border{ border-color:rgb(176, 228, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 228, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 228, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 228, 81);  
box-shadow:4px 4px 4px 4px rgb(176, 228,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 195.6940, -56.5441, -17.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 228, 81) }
```

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

```
.background{ background-color: rgb(176,  
228, 81) }
```

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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