

Converting Colors

YUV(186.7380, -56.5658,
-10.2942)

Have a look what the booklet for
YUV(186.7380, -56.5658, -10.2942)
contains.

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Color

**YUV(186.7380, -56.5658,
-10.2942)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFD748 |
| RGB | 175, 215, 72 |
| RGB Percent | 69%, 84%, 28% |
| CMY | 0.3137, 0.1569, 0.7176 |
| CMYK | 0.19, 0.00, 0.67, 0.16 |
| HSL | 77°, 64%, 56% |
| HSV | 77°, 67%, 84% |
| XYZ | 43.1493, 58.1827, 15.0871 |
| YIQ | 186.7380, 22.0630, -52.9530 |

Conversions

Conversions Part 2

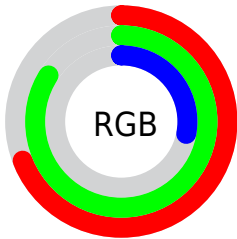
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 72, 215, 112 |
| Decimal | 11523912 |
| CIELab | 80.84, -33.13, 63.47 |
| CIELCh | 81, 71.601, 117.566 |
| Yxy | 58.1827, 0.3706, 0.4998 |
| Android (android.graphics.Color) | 4289713992 (0xFFAFD748) |
| YUV | 186.7380, -56.5658, -10.2942 |
| Hunter-Lab | 76.2776, -32.5105, 41.6673 |

Details

The YUV color **186.7380, -56.5658, -10.2942** 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 **100.2620, 56.5658, 10.2942**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8300, -52.6672, -0.7279**, and **129.5010, -63.8440, -9.2094** is the 20% darker color. If you saturate the color by 10%, you get **182.5500, -64.8541, -11.8833**, and if you desaturate by 10%, it is **191.0400, -47.8407, -8.8051**.

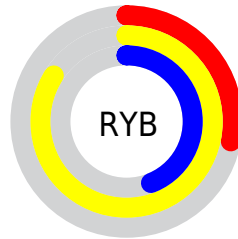
Distribution



Red (69%)

Green (84%)

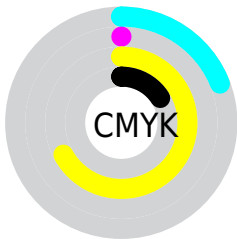
Blue (28%)



Red (28%)

Yellow (84%)

Blue (44%)

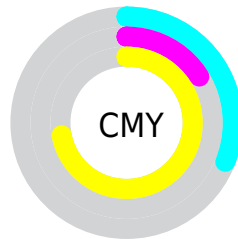


Cyan (19%)

Magenta (0%)

Yellow (67%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7380, -56.5658, -10.2942 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 186.7380, -56.5658, -10.2942 by changing the saturation by 10% instead.

■ 186.7380,
-56.5658, -10.2942

■ 186.7380,
-56.5658, -10.2942

■ 255.0000, 0.0000,
0.0000

■ 158.5100,
-57.4394, -10.0943

■ 233.8300,
-52.6672, -0.7279

■ 129.5010,
-63.8440, -9.2094

■ 243.6000,
-43.6798, 9.9978

■ 105.8670,
-52.1924, -13.0384

■ 246.7920,
-31.4495, 7.1984

■ 82.5320, -40.6883,
-16.2526

■ 250.0980,
-18.7823, 4.2991

■ 60.0720, -29.6155,
-21.1111

■ 253.4040, -6.1152,
1.3997

■ 35.2200, -17.3635,
-30.8879

■ 22.8930, -11.2862,

-20.0772

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 186.7380,
-56.5658, -10.2942

■ 186.7380,
-56.5658, -10.2942

■ 182.5500,
-64.8541, -11.8833

■ 191.0400,
-47.8407, -8.8051

■ 178.2480,
-73.5793, -13.3725

■ 195.2280,
-39.5524, -7.2160

■ 174.0600,
-81.8676, -14.9616

■ 199.5300,
-30.8273, -5.7268

■ 172.5500,
-85.0671, -15.3914

■ 203.7180,
-22.5390, -4.1377

■ 208.0200,
-13.8139, -2.6485

■ 212.2080, -5.5255,
-1.0594

■ 216.5100, 3.1996,
0.4297

■ 220.6980, 11.4879,
2.0189

■ 223.7460, 15.4082,
4.6078

Harmonies

Analogous

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



192.7940, -67.9324, 42.2767



186.7380, -56.5658, -10.2942



171.7180, -23.0320, -79.5597

Triad

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



186.7380, -56.5658, -10.2942



161.1450, 46.2705, -141.3242



181.6640, 13.4766, 64.3157

Complementary

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



186.7380, -56.5658, -10.2942



100.2620, 56.5658, 10.2942

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.



197.4740, 28.3603, 50.4503



186.7380, -56.5658, -10.2942



152.3400, 50.6114, -133.6022

Square

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



186.7380, -56.5658, -10.2942



165.2540, 44.2448, -144.9278



195.0730, 29.5440, -2.6950



178.2490, -17.3778, 67.3106

Rectangle

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



186.7380, -56.5658, -10.2942



154.9770, 7.4063, -135.9148



195.0730, 29.5440, -2.6950



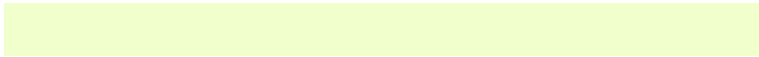
186.6340, 22.3654, 59.9570

Sweetspot

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



186.7380, -56.5658, -10.2942



245.0000, -20.2130, -3.5080



137.0630, -32.0761, 68.3507



121.7750, -12.2141, -2.4337



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.



186.7380, -56.5658, -10.2942



214.7010, -80.7046, -14.6468



165.8080, -46.2473, -53.3286



104.8490, -4.3626, -0.7446



137.1540, -67.6169, -12.4131



34.5100, -17.0134, -3.0783

Inverse Universe

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



100.2620, 56.5658, 10.2942



91.2990, 80.7046, 14.6468



121.1920, 46.2473, 53.3286



98.1510, 4.3626, 0.7446



33.8460, 67.6169, 12.4131



8.4900, 17.0134, 3.0783

Previews

White Background



This preview shows how the YUV color 186.7380, -56.5658, -10.2942 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 186.7380, -56.5658, -10.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

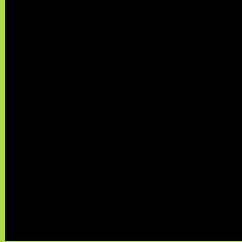
Any Text WCAG AA ✓ Pass

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 186.7380, -56.5658, -10.2942 Background



This preview shows how black text looks on a background with the YUV color 186.7380, -56.5658, -10.2942.



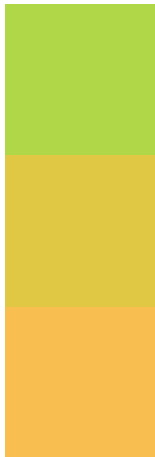
This preview shows how white text looks on a background with the YUV color 186.7380, -56.5658, -10.2942.

-10.2942.

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

186.7380, -56.5658, -10.2942

Protanopia

192.1280, -61.1951, 27.9517

Deuteranopia

195.1010, -56.7448, 47.2694



Tritanopia

199.8340, 8.4628, -7.7474

Trichromacy



Original Color

186.7380, -56.5658, -10.2942

Protanomaly

189.7950, -59.5519, 14.2118

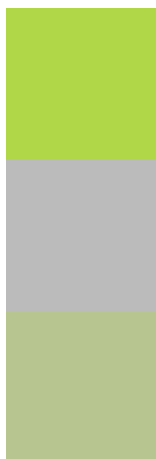
Deuteranomaly

191.9690, -56.6797, 26.3372

Tritanomaly

194.9330, -15.2500, -8.7112

Monochromacy



Original Color

186.7380, -56.5658, -10.2942

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8860, -20.6498, -3.4080

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7380, -56.5658, -10.2942 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(175, 215, 72)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 72)  
}
```

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(175, 215, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 72) }
```

Border

The CSS property to change the border of an element to YUV 186.7380, -56.5658, -10.2942 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(175, 215, 72) }
```


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

```
.border{ border-color:rgb(175, 215, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 215, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 72);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 186.7380, -56.5658, -10.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 72) }
```

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

```
.background{ background-color: rgb(175,  
215, 72) }
```

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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