

Converting Colors

YUV(185.7010, -36.8276,
5.5242)

Have a look what the booklet for
YUV(185.7010, -36.8276, 5.5242)
contains.

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Color

**YUV(185.7010, -36.8276,
5.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C56F
RGB	192, 197, 111
RGB Percent	75%, 77%, 44%
CMY	0.2471, 0.2275, 0.5647
CMYK	0.03, 0.00, 0.44, 0.23
HSL	63°, 43%, 60%
HSV	63°, 44%, 77%
XYZ	44.5737, 52.2867, 22.7820
YIQ	185.7010, 24.6260, -27.8060

Conversions

Conversions Part 2

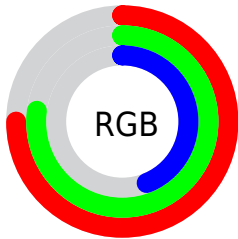
Format	Color
RYB	111, 197, 116
Decimal	12633455
CIELab	77.45, -14.35, 42.39
CIELCh	77, 44.752, 108.698
Yxy	52.2867, 0.3726, 0.4370
Android (android.graphics.Color)	4290823535 (0xFFC0C56F)
YUV	185.7010, -36.8276, 5.5242
Hunter-Lab	72.3095, -16.5090, 31.9366

Details

The YUV color $185.7010, -36.8276, 5.5242$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $122.2990, 36.8276, -5.5242$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.5440, -38.7222, 6.5389$, and $131.8580, -34.9330, 4.5095$ is the 20% darker color. If you saturate the color by 10%, you get $183.1220, -45.4161, 6.9090$, and if you desaturate by 10%, it is $188.2800, -28.2390, 4.1394$.

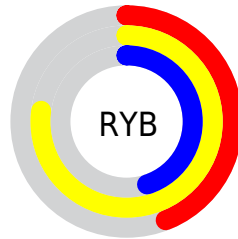
Distribution



Red (75%)

Green (77%)

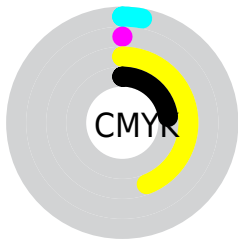
Blue (44%)



Red (44%)

Yellow (77%)

Blue (45%)

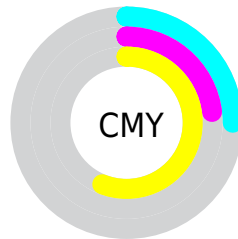


Cyan (3%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7010, -36.8276, 5.5242 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 185.7010, -36.8276, 5.5242 by changing the saturation by 10% instead.

■ 185.7010,
-36.8276, 5.5242

■ 185.7010,
-36.8276, 5.5242

255.0000, 0.0000,
0.0000

■ 158.5160,
-36.2434, 4.8095

■ 242.5440,
-38.7222, 6.5389

■ 131.8580,
-34.9330, 4.5095

■ 247.8180,
-27.5183, 6.2986

■ 106.2600,
-34.6382, 3.2800

■ 251.0100,
-15.2879, 3.4992

■ 80.5050, -36.2380,
3.0651

■ 254.3160, -2.6208,
0.5999

■ 59.0300, -29.1018,
0.8507

■ 38.0540, -18.7606,
-2.6784

■ 17.3440, -8.5506,

-10.8257

■ 0.0000, 0.0000,
0.0000

■ 185.7010,
-36.8276, 5.5242

■ 185.7010,
-36.8276, 5.5242

■ 183.1220,
-45.4161, 6.9090

■ 188.2800,
-28.2390, 4.1394

■ 180.6570,
-53.5679, 8.1938

■ 190.7450,
-20.0873, 2.8546

■ 178.0780,
-62.1565, 9.5786

■ 193.3240,
-11.4987, 1.4699

■ 175.2000,
-70.5976, 10.3486

■ 196.2020, -3.0576,
0.6998

■ 172.6210,
-79.1862, 11.7334

■ 198.7810, 5.5310,
-0.6849

■ 171.2530,
-84.4277, 12.9331

■ 201.2460, 13.6827,
-1.9697

■ 203.8250, 22.2713,
-3.3545

■ 204.8080, 24.7447,
-3.3396

■ 205.1070, 24.5972,
-2.7248

Harmonies

Analogous

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



189.3290, -39.1092, 37.4225



185.7010, -36.8276, 5.5242



180.2540, -22.3102, -30.9178

Triad

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



185.7010, -36.8276, 5.5242



151.5250, 50.0272, -132.8874



193.9910, 7.3994, 53.5049

Complementary

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



185.7010, -36.8276, 5.5242



122.2990, 36.8276, -5.5242

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.



196.5930, 24.3577, 27.5439



185.7010, -36.8276, 5.5242



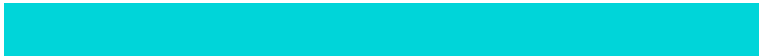
175.4730, 39.2068, -68.8208

Square

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



185.7010, -36.8276, 5.5242



149.7690, 33.1449, -131.3474



189.6800, 32.2028, -15.5054



188.6160, -10.6567, 58.2188

Rectangle

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



185.7010, -36.8276, 5.5242



174.3890, -7.0938, -58.2232



189.6800, 32.2028, -15.5054



196.6360, 12.5045, 49.4312

Sweetspot

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



185.7010, -36.8276, 5.5242



250.6400, -14.1195, 2.0697



139.0620, -13.8346, 50.8116



125.0080, -8.8779, 0.8700



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.



185.7010, -36.8276, 5.5242



237.4460, -56.9149, 8.3789



173.1430, -30.6365, -20.2964



97.9740, -3.9312, 0.8998



141.7270, -69.8714, 10.7634



31.2980, -15.4299, 2.3697

Inverse Universe

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



122.2990, 36.8276, -5.5242



139.5540, 56.9149, -8.3789



134.8570, 30.6365, 20.2964



91.0260, 3.9312, -0.8998



21.2730, 69.8714, -10.7634



4.7020, 15.4299, -2.3697

Previews

White Background



This preview shows how the YUV color 185.7010, -36.8276, 5.5242 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 185.7010, -36.8276, 5.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

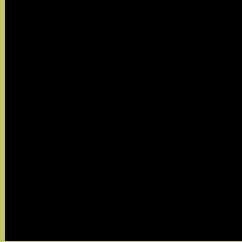
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.7010, -36.8276, 5.5242

Background



This preview shows how black text looks on a background with the YUV color 185.7010, -36.8276, 5.5242.



This preview shows how white text looks on a background with the YUV color 185.7010, -36.8276, 5.5242.

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

185.7010, -36.8276, 5.5242

Protanopia

187.3330, -38.6182, 19.8790

Deuteranopia

189.1980, -37.0726, 37.5374



Tritanopia

193.0810, 3.9041, 7.8220

Trichromacy



Original Color

185.7010, -36.8276, 5.5242

Protanomaly

186.5280, -37.7283, 14.4459

Deuteranomaly

187.5340, -36.7453, 25.8417

Tritanomaly

190.4710, -11.0782, 6.6029

Monochromacy



Original Color

185.7010, -36.8276, 5.5242

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8680, -13.2459, 1.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7010, -36.8276, 5.5242 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(192, 197, 111)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 111)  
}
```

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(192, 197, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 111) }
```

Border

The CSS property to change the border of an element to YUV 185.7010, -36.8276, 5.5242 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(192, 197, 111) }
```


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

```
.border{ border-color:rgb(192, 197, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 111);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 185.7010, -36.8276, 5.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 111) }
```

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

```
.background{ background-color: rgb(192,  
197, 111) }
```

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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