

Converting Colors

YUV(173.6830, -36.3257,
-15.5080)

Have a look what the booklet for
YUV(173.6830, -36.3257, -15.5080)
contains.

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Color

**YUV(173.6830, -36.3257,
-15.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC564
RGB	156, 197, 100
RGB Percent	61%, 77%, 39%
CMY	0.3882, 0.2275, 0.6078
CMYK	0.21, 0.00, 0.49, 0.23
HSL	85°, 46%, 58%
HSV	85°, 49%, 77%
XYZ	35.9768, 47.9205, 19.4100
YIQ	173.6830, 6.7010, -38.8590

Conversions

Conversions Part 2

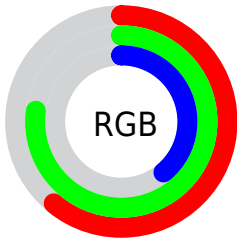
Format	Color
RYB	100, 197, 141
Decimal	10274148
CIELab	74.77, -29.58, 43.95
CIELCh	75, 52.978, 123.948
Yxy	47.9205, 0.3483, 0.4639
Android (android.graphics.Color)	4288464228 (0xFF9CC564)
YUV	173.6830, -36.3257, -15.5080
Hunter-Lab	69.2247, -28.3748, 31.8328

Details

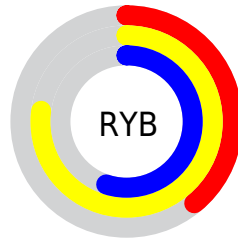
The YUV color **173.6830, -36.3257, -15.5080** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **123.3170, 36.3257, 15.5080**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9280, -37.9255, -15.7229**, and **120.0250, -35.0153, -15.8079** is the 20% darker color. If you saturate the color by 10%, you get **169.0110, -43.8824, -18.4266**, and if you desaturate by 10%, it is **178.3550, -28.7690, -12.5893**.

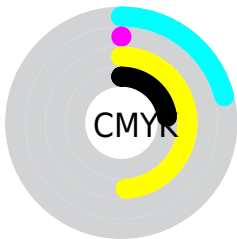
Distribution



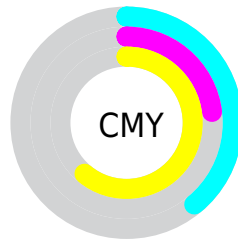
- Red (61%)
- Green (77%)
- Blue (39%)



- Red (39%)
- Yellow (77%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (49%)
- Black (23%)



- Cyan (39%)
- Magenta (23%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6830, -36.3257, -15.5080 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 173.6830, -36.3257, -15.5080 by changing the saturation by 10% instead.

■ 173.6830,
-36.3257, -15.5080

■ 173.6830,
-36.3257, -15.5080

255.0000, 0.0000,
0.0000

■ 146.7970,
-35.8889, -15.6080

■ 229.9280,
-37.9255, -15.7229

■ 120.0250,
-35.0153, -15.8079

■ 242.2640,
-30.6962, -1.1085

■ 94.0250, -35.0153,
-15.8079

■ 249.6420,
-20.5295, 4.6990

■ 69.2530, -34.1417,
-16.0079

■ 252.9480, -7.8624,
1.7996

■ 47.6900, -23.5112,
-19.0221

■ 27.0020, -13.3120,
-23.6808

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 173.6830,
-36.3257, -15.5080

■ 173.6830,
-36.3257, -15.5080

■ 169.0110,
-43.8824, -18.4266

■ 178.3550,
-28.7690, -12.5893

■ 164.1540,
-50.8549, -22.0601

■ 183.2120,
-21.7965, -8.9559

■ 159.4820,
-58.4116, -24.9787

■ 187.8840,
-14.2398, -6.0373

■ 154.8100,
-65.9683, -27.8974

■ 192.5560, -6.6831,
-3.1186

■ 149.8390,
-73.3776, -31.4308

■ 197.5270, 0.7262,
0.4148

■ 149.7250,
-73.8144, -31.3308

■ 202.0850, 7.8461,
3.4335

■ 206.7570, 15.4028,
6.3521

■ 211.3860, 21.5017,
10.1855

■ 213.7780, 20.3224,
15.1037

Harmonies

Analogous

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



178.7760, -47.2176, 24.7524



173.6830, -36.3257, -15.5080



163.0910, -11.8769, -64.1008

Triad

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



173.6830, -36.3257, -15.5080



146.4700, 53.5053, -128.4542



180.5920, -0.7849, 65.2558

Complementary

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



173.6830, -36.3257, -15.5080



123.3170, 36.3257, 15.5080

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.



189.3790, 19.0402, 53.1646



173.6830, -36.3257, -15.5080



172.0280, 40.9052, -53.5216

Square

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



173.6830, -36.3257, -15.5080



148.5270, 43.6172, -130.2582



186.8770, 33.5846, 8.0009



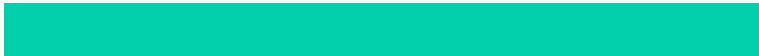
179.3430, -23.3401, 66.3512

Rectangle

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



173.6830, -36.3257, -15.5080



141.7040, 14.9359, -124.2744



186.8770, 33.5846, 8.0009



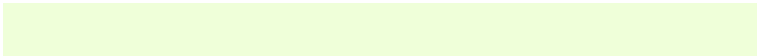
183.1170, 6.3513, 63.0414

Sweetspot

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



173.6830, -36.3257, -15.5080



245.8840, -14.2398, -6.0373



152.4830, -25.8741, 39.0414



122.3880, -8.5723, -3.8483



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.



173.6830, -36.3257, -15.5080



218.7640, -56.0857, -24.3490



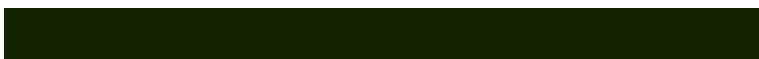
159.3310, -29.2502, -45.0173



96.7780, -3.3416, -1.5593



123.7870, -61.0270, -26.1232



27.4110, -13.5136, -5.6224

Inverse Universe

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



123.3170, 36.3257, 15.5080



140.9370, 56.2331, 23.7343



137.6690, 29.2502, 45.0173



92.2220, 3.3416, 1.5593



39.2130, 61.0270, 26.1232



8.5890, 13.5136, 5.6224

Previews

White Background



This preview shows how the YUV color 173.6830, -36.3257, -15.5080 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 173.6830, -36.3257, -15.5080 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 173.6830, -36.3257, -15.5080 Background



This preview shows how black text looks on a background with the YUV color 173.6830, -36.3257, -15.5080.



This preview shows how white text looks on a background with the YUV color 173.6830, -36.3257, -15.5080.

-15.5080.

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

173.6830, -36.3257, -15.5080

Protanopia

179.2360, -41.5283, 19.9640

Deuteranopia

181.3720, -37.6514, 36.5078



Tritanopia

182.9260, 8.9105, -11.3361

Trichromacy



Original Color

173.6830, -36.3257, -15.5080

Protanomaly

177.3160, -39.5958, 6.7389

Deuteranomaly

178.6640, -37.3024, 17.8347

Tritanomaly

179.5610, -7.6716, -12.7700

Monochromacy



Original Color

173.6830, -36.3257, -15.5080

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.5250, -13.0768, -5.7224

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6830, -36.3257, -15.5080 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(156, 197, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 197, 100)  
}
```

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(156, 197, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 197, 100) }
```

Border

The CSS property to change the border of an element to YUV 173.6830, -36.3257, -15.5080 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(156, 197, 100) }
```


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

```
.border{ border-color:rgb(156, 197, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 197, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 197, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 197, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 197,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 173.6830, -36.3257, -15.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 197, 100) }
```

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

```
.background{ background-color: rgb(156,  
197, 100) }
```

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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