

Converting Colors

YUV(172.3660, -15.4634,
-33.6470)

Have a look what the booklet for
YUV(172.3660, -15.4634, -33.6470)
contains.

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Color

**YUV(172.3660, -15.4634,
-33.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	86C68D
RGB	134, 198, 141
RGB Percent	53%, 78%, 55%
CMY	0.4745, 0.2235, 0.4471
CMYK	0.32, 0.00, 0.29, 0.22
HSL	127°, 36%, 65%
HSV	127°, 32%, 78%
XYZ	34.8333, 47.3796, 32.5086
YIQ	172.3660, -19.8470, -31.2950

Conversions

Conversions Part 2

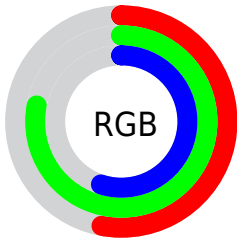
Format	Color
RYB	134, 192, 198
Decimal	8832653
CIELab	74.43, -31.98, 22.24
CIELCh	74, 38.956, 145.179
Yxy	47.3796, 0.3036, 0.4130
Android (android.graphics.Color)	4287022733 (0xFF86C68D)
YUV	172.3660, -15.4634, -33.6470
Hunter-Lab	68.8328, -30.1263, 20.1813

Details

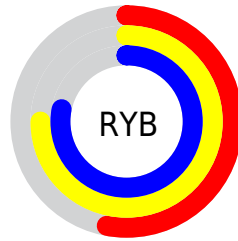
The YUV color **172.3660, -15.4634, -33.6470** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **159.6340, 15.4634, 33.6470**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4260, -16.4790, -34.5766**, and **119.3060, -14.4479, -32.7174** is the 20% darker color. If you saturate the color by 10%, you get **164.3340, -20.3777, -44.1429**, and if you desaturate by 10%, it is **180.3980, -10.5492, -23.1510**.

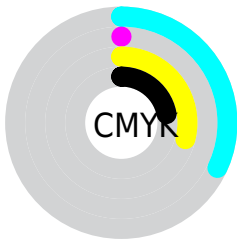
Distribution



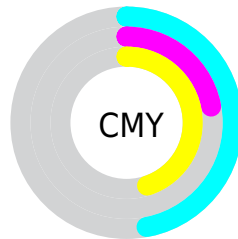
- Red (53%)
- Green (78%)
- Blue (55%)



- Red (53%)
- Yellow (75%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3660, -15.4634, -33.6470 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 172.3660, -15.4634, -33.6470 by changing the saturation by 10% instead.

■ 172.3660,
-15.4634, -33.6470

■ 172.3660,
-15.4634, -33.6470

255.0000, 0.0000,
0.0000

■ 144.8930,
-14.7372, -33.2322

■ 228.4260,
-16.4790, -34.5766

■ 119.3060,
-14.4479, -32.7174

■ 239.9900, -8.3761,
-20.1622

■ 93.6480, -13.1375,
-33.0173

■ 251.9670, 0.0163,
-5.2331

■ 68.2780, -11.9691,
-34.4468

■ 43.0110, -10.3584,
-37.7206

■ 27.0020, -13.3120,
-23.6808

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 172.3660,
-15.4634, -33.6470

■ 172.3660,
-15.4634, -33.6470

■ 164.3340,
-20.3777, -44.1429

■ 180.3980,
-10.5492, -23.1510

■ 156.4160,
-24.8551, -54.7388

■ 188.3160, -6.0718,
-12.5551

■ 148.6830,
-29.9167, -64.6200

■ 196.0490, -1.0102,
-2.6740

■ 140.6510,
-34.8309, -75.1159

■ 204.0810, 3.9041,
7.8220

■ 132.7330,
-39.3084, -85.7118

■ 211.9990, 8.3815,
18.4179

■ 124.7010,
-44.2226, -96.2078

■ 220.0310, 13.2957,
28.9138

■ 118.7340,
-47.6899, -104.1297

■ 221.5410, 16.4953,
29.3435

Harmonies

Analogous

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



177.4920, -29.8226, -1.3085



172.3660, -15.4634, -33.6470



164.6510, 5.5951, -68.0999

Triad

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



172.3660, -15.4634, -33.6470



175.7900, 38.5575, -47.1738



185.3620, -15.4615, 59.3185

Complementary

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



172.3660, -15.4634, -33.6470



159.6340, 15.4634, 33.6470

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.



187.3840, 1.2897, 53.1602



172.3660, -15.4634, -33.6470



185.1050, 31.0072, -5.3541

Square

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



172.3660, -15.4634, -33.6470



161.0530, 39.4139, -88.6235



187.8940, 17.8003, 30.7880



183.7400, -28.9588, 48.4630

Rectangle

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



172.3660, -15.4634, -33.6470



157.6340, 21.3794, -90.8870



187.8940, 17.8003, 30.7880



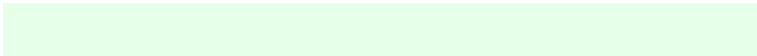
186.1430, -9.9305, 58.6336

Sweetspot

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



172.3660, -15.4634, -33.6470



244.9030, -6.3612, -13.0699



188.9100, -27.0706, 2.7099



121.6200, -3.7567, -8.4367



0.0000, 0.0000, 0.0000



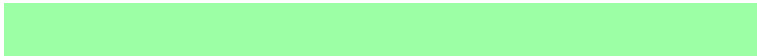
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.3660, -15.4634, -33.6470



215.2530, -24.2817, -51.9649



175.9000, -1.9227, -36.7463



95.3970, -2.1677, -4.7332



97.7330, -39.3084, -85.7118



21.5880, -8.6709, -18.9327

Inverse Universe

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



159.6340, 15.4634, 33.6470



195.6330, 23.8449, 52.0649



156.1000, 1.9227, 36.7463



93.6030, 2.1677, 4.7332



65.2670, 39.3084, 85.7118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 172.3660, -15.4634, -33.6470 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 172.3660, -15.4634, -33.6470 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 172.3660, -15.4634, -33.6470 Background



This preview shows how black text looks on a background with the YUV color 172.3660, -15.4634, -33.6470.



This preview shows how white text looks on a background with the YUV color 172.3660, -15.4634, -33.6470.

-33.6470.

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

172.3660, -15.4634, -33.6470

Protanopia

180.7140, -23.0300, 13.4058

Deuteranopia

182.7570, -18.1212, 25.6461



Tritanopia

178.5540, 13.0379, -28.5499

Trichromacy



Original Color

172.3660, -15.4634, -33.6470

Protanomaly

177.7010, -20.0656, -4.1228

Deuteranomaly

178.8530, -17.1825, 4.5139

Tritanomaly

176.4970, 2.7130, -30.2539

Monochromacy



Original Color

172.3660, -15.4634, -33.6470

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8430, -5.3456, -12.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3660, -15.4634, -33.6470 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(134, 198, 141)` looks like.

```
.text, #text, p{  
    color:rgb(134, 198, 141)  
}
```

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(134, 198, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 198, 141) }
```

Border

The CSS property to change the border of an element to YUV 172.3660, -15.4634, -33.6470 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(134, 198, 141) }
```


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

```
.border{ border-color:rgb(134, 198, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 198, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 198, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 198, 141);  
box-shadow:4px 4px 4px 4px rgb(134, 198,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 172.3660, -15.4634, -33.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 198, 141) }
```

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

```
.background{ background-color: rgb(134,  
198, 141) }
```

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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