

Converting Colors

YUV(172.9170, -4.3961,
-36.7612)

Have a look what the booklet for
YUV(172.9170, -4.3961, -36.7612)
contains.

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Color

**YUV(172.9170, -4.3961,
-36.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	83C4A4
RGB	131, 196, 164
RGB Percent	51%, 77%, 64%
CMY	0.4863, 0.2314, 0.3569
CMYK	0.33, 0.00, 0.16, 0.23
HSL	150°, 36%, 64%
HSV	150°, 33%, 77%
XYZ	35.8008, 46.9855, 42.3042
YIQ	172.9170, -28.4680, -23.7320

Conversions

Conversions Part 2

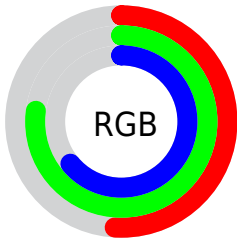
Format	Color
RYB	131, 174, 196
Decimal	8635556
CIELab	74.18, -27.61, 9.54
CIElCh	74, 29.217, 160.932
Yxy	46.9855, 0.2862, 0.3756
Android (android.graphics.Color)	4286825636 (0xFF83C4A4)
YUV	172.9170, -4.3961, -36.7612
Hunter-Lab	68.5460, -26.7267, 11.3905

Details

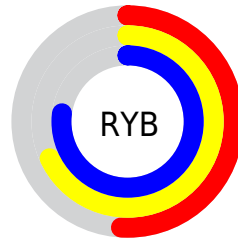
The YUV color **172.9170, -4.3961, -36.7612** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.0830, 4.3961, 36.7612**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0910, -4.9749, -37.7908**, and **119.7430, -3.8173, -35.7316** is the 20% darker color. If you saturate the color by 10%, you get **165.7970, -5.8159, -48.0570**, and if you desaturate by 10%, it is **180.0370, -2.9762, -25.4654**.

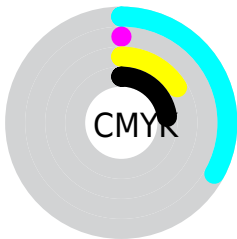
Distribution



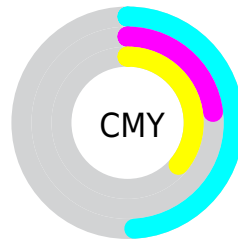
- Red (51%)
- Green (77%)
- Blue (64%)



- Red (51%)
- Yellow (68%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9170, -4.3961, -36.7612 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 172.9170, -4.3961, -36.7612 by changing the saturation by 10% instead.

■ 172.9170, -4.3961,
-36.7612

■ 172.9170, -4.3961,
-36.7612

255.0000, 0.0000,
0.0000

■ 146.3300, -4.1067,
-36.2464

■ 229.0910, -4.9749,
-37.7908

■ 119.7430, -3.8173,
-35.7316

■ 241.8290, 2.5493,
-24.4060

■ 93.9710, -2.9437,
-35.9316

■ 251.4120, 1.7689,
-7.3773

■ 68.4870, -2.2121,
-37.2611

■ 44.1170, -1.0437,
-38.6906

■ 28.3360, -3.1236,
-24.8507

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 172.9170, -4.3961,
-36.7612

■ 172.9170, -4.3961,
-36.7612

■ 165.7970, -5.8159,
-48.0570

■ 180.0370, -2.9762,
-25.4654

■ 159.0900, -6.9464,
-58.8379

■ 186.7440, -1.8458,
-14.6845

■ 151.9700, -8.3662,
-70.1337

■ 193.8640, -0.4260,
-3.3887

■ 145.1490, -9.9335,
-80.8147

■ 200.6850, 1.1413,
7.2923

■ 138.1430,
-10.9165, -92.2104

■ 207.6910, 2.1243,
18.6880

■ 131.0230,
-12.3363, -103.5062

■ 214.8110, 3.5442,
29.9838

■ 126.4520,
-13.0408, -110.8984

■ 217.7450, 7.0277,
32.6726

■ 218.7710, 10.9589,
31.7728

■ 219.9110, 15.3269,
30.7731

Harmonies

Analogous

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



176.6290, -17.5651, -12.8296



172.9170, -4.3961, -36.7612



169.2210, 11.2300, -55.4448

Triad

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



172.9170, -4.3961, -36.7612



182.3610, 25.9510, -16.9796



184.5680, -18.0280, 42.4749

Complementary

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



172.9170, -4.3961, -36.7612



154.0830, 4.3961, 36.7612

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.



185.9670, -6.3927, 43.8789



172.9170, -4.3961, -36.7612



185.8870, 18.2967, 11.5001

Square

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



172.9170, -4.3961, -36.7612



175.3530, 27.9270, -44.1596



187.0440, 6.8803, 33.2874



182.6560, -24.9734, 30.1197

Rectangle

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



172.9170, -4.3961, -36.7612



168.7780, 19.8294, -60.3183



187.0440, 6.8803, 33.2874



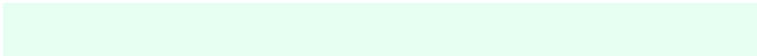
185.2030, -14.3971, 44.5490

Sweetspot

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



172.9170, -4.3961, -36.7612



246.0430, -1.9932, -14.0697



179.0220, -23.6748, -13.1743



122.3040, -1.1359, -9.0366



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.



172.9170, -4.3961, -36.7612



218.8020, -6.8044, -57.7084



176.5650, 9.5815, -39.9605



93.4400, -0.7099, -5.6479



103.8550, -10.7745, -91.0808



21.3090, -2.1243, -18.6880

Inverse Universe

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



154.0830, 4.3961, 36.7612



189.1980, 6.8044, 57.7084



150.4350, -9.5815, 39.9605



90.5600, 0.7099, 5.6479



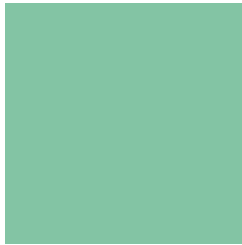
57.1450, 10.7745, 91.0808



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 172.9170, -4.3961, -36.7612 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 172.9170, -4.3961, -36.7612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

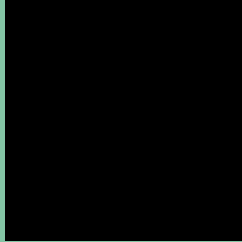
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9170, -4.3961, -36.7612

Background



This preview shows how black text looks on a background with the YUV color 172.9170, -4.3961, -36.7612.



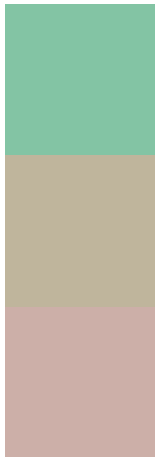
This preview shows how white text looks on a background with the YUV color 172.9170, -4.3961, -36.7612.

-36.7612.

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

172.9170, -4.3961, -36.7612

Protanopia

181.1400, -12.3940, 8.6472

Deuteranopia

182.8730, -7.3324, 18.5284



Tritanopia

176.7600, 13.9223, -32.2385

Trichromacy



Original Color

172.9170, -4.3961, -36.7612

Protanomaly

177.8390, -9.2876, -7.7518

Deuteranomaly

179.3820, -6.1043, -2.0890

Tritanomaly

175.3270, 7.2338, -33.6128

Monochromacy



Original Color

172.9170, -4.3961, -36.7612

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9170, -4.3961, -36.7612 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(131, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(131, 196, 164)  
}
```

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(131, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 196, 164) }
```

Border

The CSS property to change the border of an element to YUV 172.9170, -4.3961, -36.7612 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(131, 196, 164) }
```


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

```
.border{ border-color:rgb(131, 196, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 196, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(131, 196,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 172.9170, -4.3961, -36.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 196, 164) }
```

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

```
.background{ background-color: rgb(131,  
196, 164) }
```

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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