

Converting Colors

YUV(172.7910, -20.1100,
-36.6507)

Have a look what the booklet for
YUV(172.7910, -20.1100, -36.6507)
contains.

| | |
|--|----|
| YUV(172.7910, -20.1100, -36.6507) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(172.7910, -20.1100,
-36.6507)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83CA84 |
| RGB | 131, 202, 132 |
| RGB Percent | 51%, 79%, 52% |
| CMY | 0.4863, 0.2078, 0.4824 |
| CMYK | 0.35, 0.00, 0.35, 0.21 |
| HSL | 121°, 40%, 65% |
| HSV | 121°, 35%, 79% |
| XYZ | 34.6455, 48.7323, 29.4101 |
| YIQ | 172.7910, -19.8460, -36.8220 |

Conversions

Conversions Part 2

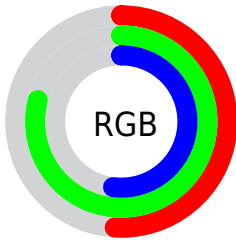
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 201, 202 |
| Decimal | 8637060 |
| CIELab | 75.28, -36.30, 28.10 |
| CIElCh | 75, 45.907, 142.252 |
| Yxy | 48.7323, 0.3072, 0.4321 |
| Android (android.graphics.Color) | 4286827140 (0xFF83CA84) |
| YUV | 172.7910, -20.1100, -36.6507 |
| Hunter-Lab | 69.8085, -33.5767, 23.8873 |

Details

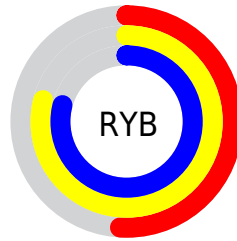
The YUV color **172.7910, -20.1100, -36.6507** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **160.2090, 20.1100, 36.6507**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5030, -19.9680, -35.5211**, and **118.9590, -18.2208, -35.9210** is the 20% darker color. If you saturate the color by 10%, you get **164.5310, -25.8978, -46.9467**, and if you desaturate by 10%, it is **181.0510, -14.3221, -26.3547**.

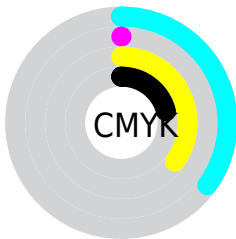
Distribution



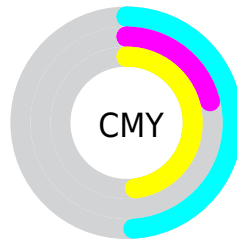
- Red (51%)
- Green (79%)
- Blue (52%)



- Red (51%)
- Yellow (79%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7910, -20.1100, -36.6507 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 172.7910, -20.1100, -36.6507 by changing the saturation by 10% instead.

■ 172.7910,
-20.1100, -36.6507

■ 172.7910,
-20.1100, -36.6507

255.0000, 0.0000,
0.0000

■ 145.3180,
-19.3838, -36.2359

■ 226.5030,
-19.9680, -35.5211

■ 118.9590,
-18.2208, -35.9210

■ 238.2520,
-12.4492, -20.3920

■ 92.8880, -17.1998,
-36.7358

■ 250.2290, -4.0569,
-5.4628

■ 66.6210, -15.5892,
-40.0096

■ 43.5180, -16.0314,
-38.1653

■ 28.1760, -13.8908,
-24.7104

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 172.7910,
-20.1100, -36.6507

■ 172.7910,
-20.1100, -36.6507

■ 164.5310,
-25.8978, -46.9467

■ 181.0510,
-14.3221, -26.3547

■ 156.2710,
-31.6856, -57.2427

■ 189.3110, -8.5343,
-16.0587

■ 147.7120,
-37.3260, -68.1534

■ 197.8700, -2.8939,
-5.1480

■ 139.4520,
-43.1138, -78.4494

■ 206.1300, 2.8939,
5.1480

■ 131.1920,
-48.9017, -88.7454

■ 214.3900, 8.6817,
15.4440

■ 123.0460,
-54.2527, -99.1413

■ 222.5360, 14.0328,
25.8399

■ 118.9160,
-57.1466, -104.2893

■ 223.8890, 15.3377,
27.2843

Harmonies

Analogous

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



179.0810, -36.5219, 0.8060



172.7910, -20.1100, -36.6507



160.9650, 5.9333, -83.2843

Triad

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



172.7910, -20.1100, -36.6507



170.7660, 41.5274, -66.4468



183.8400, -13.7251, 62.4073

Complementary

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



172.7910, -20.1100, -36.6507



160.2090, 20.1100, 36.6507

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.



188.0410, 4.9098, 58.7230



172.7910, -20.1100, -36.6507



185.8700, 34.0811, -11.2870

Square

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



172.7910, -20.1100, -36.6507



147.7750, 50.8899, -129.5987



190.9850, 23.1784, 32.4622



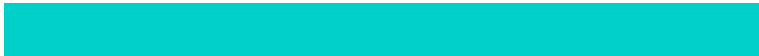
185.2960, -32.1909, 58.4994

Rectangle

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



172.7910, -20.1100, -36.6507



145.1240, 28.0399, -127.2737



190.9850, 23.1784, 32.4622



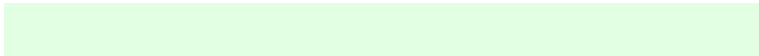
184.7350, -7.7574, 61.6224

Sweetspot

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



172.7910, -20.1100, -36.6507



243.4360, -8.1029, -14.4144



193.9060, -31.0127, 7.0984



120.9790, -4.9196, -8.7516



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.



172.7910, -20.1100, -36.6507



210.9230, -30.5280, -55.1835



176.7810, -4.8220, -40.1499



97.8700, -2.8939, -5.1480



97.6700, -47.1653, -85.6566



22.4200, -10.5601, -19.6623

Inverse Universe

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



160.2090, 20.1100, 36.6507



191.9630, 30.0912, 55.2834



156.3330, 5.2588, 40.0500



96.1300, 2.8939, 5.1480



68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 172.7910, -20.1100, -36.6507 looks on a white background.

Color Contrast Check

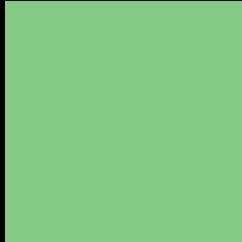
Large Text (above 18pt) WCAG AA × Fail

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 172.7910, -20.1100, -36.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

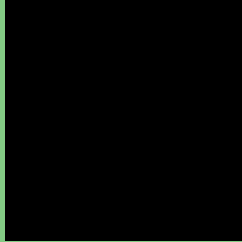
Any Text WCAG AA ✓ Pass

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 172.7910, -20.1100, -36.6507 Background



This preview shows how black text looks on a background with the YUV color 172.7910, -20.1100, -36.6507.



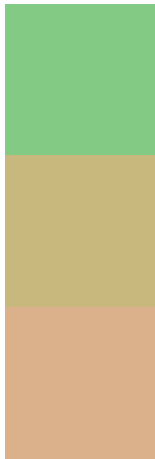
This preview shows how white text looks on a background with the YUV color 172.7910, -20.1100, -36.6507.

-36.6507.

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

172.7910, -20.1100, -36.6507

Protanopia

182.0580, -28.1296, 15.7351

Deuteranopia

184.8130, -23.0788, 29.1050



Tritanopia

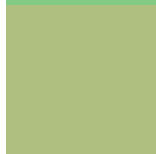
180.3580, 13.6275, -31.0090

Trichromacy



Original Color

172.7910, -20.1100, -36.6507



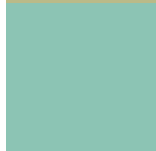
Protanomaly

179.0340, -25.1598, -3.5378



Deuteranomaly

180.3000, -21.8399, 4.9989



Tritanomaly

177.4320, 1.2660, -32.8279

Monochromacy



Original Color

172.7910, -20.1100, -36.6507



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7910, -20.1100, -36.6507 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, 202, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 202, 132)  
}
```

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, 202, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 202, 132) }
```

Border

The CSS property to change the border of an element to YUV 172.7910, -20.1100, -36.6507 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, 202, 132) }
```


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

```
.border{ border-color:rgb(131, 202, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 202, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 202, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 202, 132); box-shadow:4px 4px 4px 4px rgb(131, 202, 132) }
```

Background

The CSS property to change the background color of an element to YUV 172.7910, -20.1100, -36.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 202, 132) }
```

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

```
.background{ background-color: rgb(131,  
202, 132) }
```

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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