

Converting Colors

YUV(196.9150, -1.4371,
-52.5455)

Have a look what the booklet for
YUV(196.9150, -1.4371, -52.5455)
contains.

YUV(196.9150, -1.4371, -52.5455)	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(196.9150, -1.4371,
-52.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	89E4C2
RGB	137, 228, 194
RGB Percent	54%, 89%, 76%
CMY	0.4627, 0.1059, 0.2392
CMYK	0.40, 0.00, 0.15, 0.11
HSL	158°, 63%, 72%
HSV	158°, 40%, 89%
XYZ	47.7975, 64.7002, 61.0081
YIQ	196.9150, -43.3220, -29.8660

Conversions

Conversions Part 2

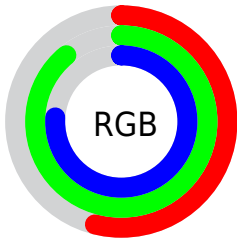
Format	Color
RYB	137, 193, 228
Decimal	9036994
CIELab	84.33, -34.84, 8.10
CIElCh	84, 35.770, 166.913
Yxy	64.7002, 0.2755, 0.3729
Android (android.graphics.Color)	4287227074 (0xFF89E4C2)
YUV	196.9150, -1.4371, -52.5455
Hunter-Lab	80.4364, -34.6942, 11.3362

Details

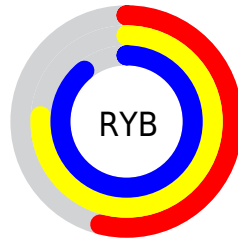
The YUV color **196.9150, -1.4371, -52.5455** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **168.0850, 1.4371, 52.5455**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1910, 6.8078, -37.0015**, and **141.1430, -0.5635, -52.7454** is the 20% darker color. If you saturate the color by 10%, you get **189.0120, -1.9779, -65.7855**, and if you desaturate by 10%, it is **204.8180, -0.8963, -39.3054**.

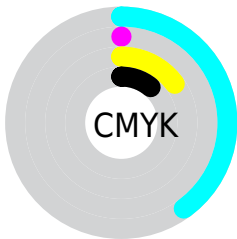
Distribution



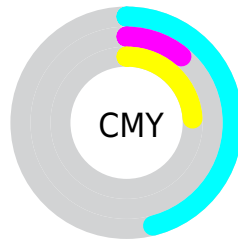
- Red (54%)
- Green (89%)
- Blue (76%)



- Red (54%)
- Yellow (76%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9150, -1.4371, -52.5455 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 196.9150, -1.4371, -52.5455 by changing the saturation by 10% instead.

 196.9150, -1.4371,
-52.5455

 196.9150, -1.4371,
-52.5455


255.0000, 0.0000,
0.0000


 169.0290, -1.0003,
-52.6454


 236.1910, 6.8078,
-37.0015


 141.1430, -0.5635,
-52.7454


 245.4320, 4.7170,
-19.6729


 114.0720, 0.4575,
-53.5601

 254.1030, 0.4422,
-1.8443

 84.8970, 2.5158,
-60.4227

 62.8160, 2.0627,
-55.0896

 45.6330, -0.3121,
-40.0201

 29.7380, -2.8288,

-26.0802

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 196.9150, -1.4371,
-52.5455

■ 196.9150, -1.4371,
-52.5455

■ 189.0120, -1.9779,
-65.7855

■ 204.8180, -0.8963,
-39.3054

■ 181.2230, -2.0819,
-79.1256

■ 212.6070, -0.7923,
-25.9653

■ 173.6190, -2.7702,
-91.7509

■ 220.2110, -0.1040,
-13.3400

■ 165.8300, -2.8742,
-105.0909

■ 228.0000, 0.0000,
0.0000

■ 157.9270, -3.4150,
-118.3310

■ 235.9030, 0.5408,
13.2401

■ 150.1380, -3.5190,
-131.6710

■ 238.0110, 3.4456,
14.8994

■ 239.0370, 7.3768,
13.9996

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



202.1070, -19.2798, -22.8958



196.9150, -1.4371, -52.5455



192.2230, 18.1311, -75.6176

Triad

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



196.9150, -1.4371, -52.5455



208.5850, 22.8826, -12.7910



207.5310, -21.9538, 41.6303

Complementary

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



196.9150, -1.4371, -52.5455



168.0850, 1.4371, 52.5455

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.



207.3150, -7.5503, 41.8197



196.9150, -1.4371, -52.5455



214.9960, 19.7220, 21.0515

Square

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



196.9150, -1.4371, -52.5455



200.0920, 27.0696, -49.1927



211.8920, 7.4482, 37.8057



209.5440, -31.8202, 32.8489

Rectangle

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



196.9150, -1.4371, -52.5455



191.9480, 28.6196, -79.7614



211.8920, 7.4482, 37.8057



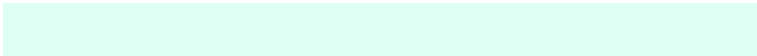
206.6820, -17.5912, 42.3749

Sweetspot

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



196.9150, -1.4371, -52.5455



244.4770, -0.2352, -17.9583



200.8820, -31.4938, -25.3295



121.8200, -0.4043, -10.3661



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.



196.9150, -1.4371, -52.5455



213.2780, -2.1091, -70.4038



194.3340, 16.5973, -50.2819



110.8420, -0.4151, -6.8774



117.8410, -2.8796, -103.3466



33.5850, -0.7814, -29.4540

Inverse Universe

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



168.0850, 1.4371, 52.5455



174.6080, 1.6723, 70.5038



170.6660, -16.5973, 50.2819



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 196.9150, -1.4371, -52.5455 looks on a white background.

Color Contrast Check

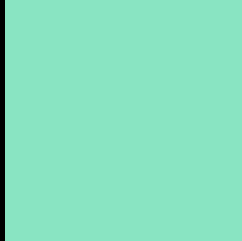
Large Text (above 18pt) WCAG AA × Fail

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 196.9150, -1.4371, -52.5455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

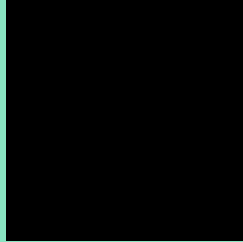
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.9150, -1.4371, -52.5455

Background



This preview shows how black text looks on a background with the YUV color 196.9150, -1.4371, -52.5455.



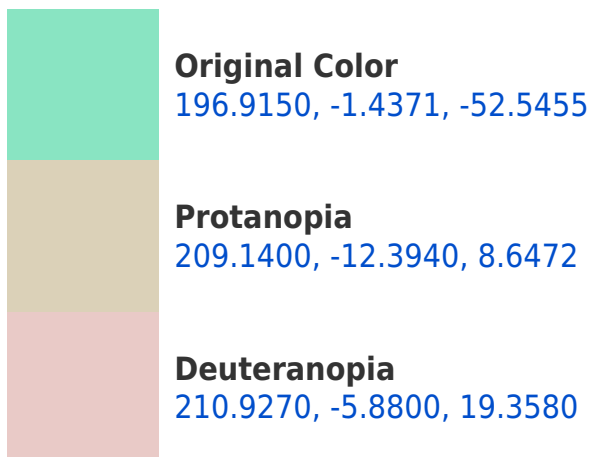
This preview shows how white text looks on a background with the YUV color 196.9150, -1.4371, -52.5455.

-52.5455.

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





Tritanopia

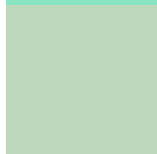
201.8120, 18.3337, -47.1931

Trichromacy



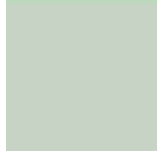
Original Color

196.9150, -1.4371, -52.5455



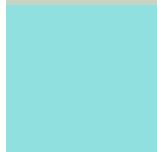
Protanomaly

204.7350, -8.2504, -13.7996



Deuteranomaly

205.5170, -4.1989, -6.5924



Tritanomaly

199.9660, 11.3558, -49.0822

Monochromacy



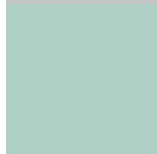
Original Color

196.9150, -1.4371, -52.5455



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.7650, -0.3771, -19.0879

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9150, -1.4371, -52.5455 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(137, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 228, 194)  
}
```

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(137, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 228, 194) }
```

Border

The CSS property to change the border of an element to YUV 196.9150, -1.4371, -52.5455 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(137, 228, 194) }
```


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

```
.border{ border-color:rgb(137, 228, 194) }
```

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

Here you see how a box with a 4 pixel rgb(137, 228, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(137, 228,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 196.9150, -1.4371, -52.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 228, 194) }
```

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

```
.background{ background-color: rgb(137,  
228, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor