

Converting Colors

YUV(199.9150, -1.4371,
-52.5455)

Have a look what the booklet for
YUV(199.9150, -1.4371, -52.5455)
contains.

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Color

**YUV(199.9150, -1.4371,
-52.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE7C5
RGB	140, 231, 197
RGB Percent	55%, 91%, 77%
CMY	0.4510, 0.0941, 0.2275
CMYK	0.39, 0.00, 0.15, 0.09
HSL	158°, 65%, 73%
HSV	158°, 39%, 91%
XYZ	49.4692, 66.7585, 63.1017
YIQ	199.9150, -43.3220, -29.8660

Conversions

Conversions Part 2

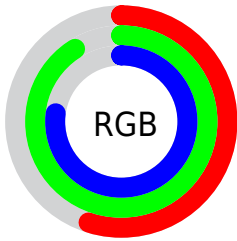
Format	Color
RYB	140, 196, 231
Decimal	9234373
CIELab	85.38, -34.80, 8.05
CIELCh	85, 35.716, 166.975
Yxy	66.7585, 0.2759, 0.3723
Android (android.graphics.Color)	4287424453 (0xFF8CE7C5)
YUV	199.9150, -1.4371, -52.5455
Hunter-Lab	81.7059, -34.9117, 11.4043

Details

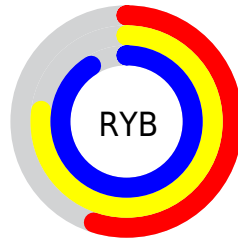
The YUV color **199.9150, -1.4371, -52.5455** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **171.0850, 1.4371, 52.5455**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5440, 8.1128, -35.5571**, and **144.1430, -0.5635, -52.7454** is the 20% darker color. If you saturate the color by 10%, you get **192.0120, -1.9779, -65.7855**, and if you desaturate by 10%, it is **207.8180, -0.8963, -39.3054**.

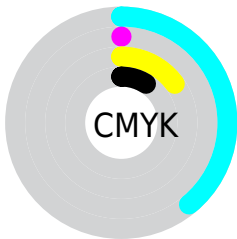
Distribution



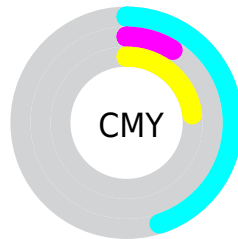
- Red (55%)
- Green (91%)
- Blue (77%)



- Red (55%)
- Yellow (77%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)





- Cyan (45%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.9150, -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 199.9150, -1.4371, -52.5455 by changing the saturation by 10% instead.

 199.9150, -1.4371,
-52.5455

 199.9150, -1.4371,
-52.5455


255.0000, 0.0000,
0.0000

 172.0290, -1.0003,
-52.6454


 237.5440, 8.1128,
-35.5571


 144.1430, -0.5635,
-52.7454

 246.3290, 4.2748,
-17.8285

 117.0720, 0.4575,
-53.5601

 88.4950, 2.2210,
-59.1931

 64.2180, 2.3575,
-56.3192

 47.6220, -0.3066,
-41.7645

 31.7270, -2.8234,

-27.8246

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 199.9150, -1.4371,
-52.5455

■ 199.9150, -1.4371,
-52.5455

■ 192.0120, -1.9779,
-65.7855

■ 207.8180, -0.8963,
-39.3054

■ 184.2230, -2.0819,
-79.1256

■ 215.6070, -0.7923,
-25.9653

■ 176.3200, -2.6228,
-92.3656

■ 223.5100, -0.2514,
-12.7253

■ 168.4170, -3.1636,
-105.6057

■ 231.4130, 0.2894,
0.5148

■ 160.6280, -3.2676,
-118.9458

■ 239.2020, 0.3934,
13.8548

■ 152.4260, -3.6610,
-132.8006

■ 240.2280, 4.3246,
12.9550

■ 152.1270, -3.5136,
-133.4154

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



205.1070, -19.2798, -22.8958



199.9150, -1.4371, -52.5455



195.2230, 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.



199.9150, -1.4371, -52.5455



211.5420, 21.4248, -11.8763



209.5200, -21.9484, 39.8860

Complementary

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



199.9150, -1.4371, -52.5455



171.0850, 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.



209.4180, -7.1081, 39.9754



199.9150, -1.4371, -52.5455



217.6540, 18.4116, 21.3514

Square

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



199.9150, -1.4371, -52.5455



202.7500, 25.7592, -48.8927



213.9950, 7.8905, 35.9614



212.5440, -31.8202, 32.8489

Rectangle

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



199.9150, -1.4371, -52.5455



194.9480, 28.6196, -79.7614



213.9950, 7.8905, 35.9614



208.7850, -17.1490, 40.5306

Sweetspot

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



199.9150, -1.4371, -52.5455



244.4770, -0.2352, -17.9583



203.8820, -31.4938, -25.3295



121.8200, -0.4043, -10.3661



0.0000, 0.0000, 0.0000



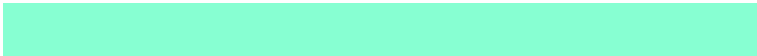
128.0000, 0.0000, 0.0000

Same Dimension

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



199.9150, -1.4371, -52.5455



213.9900, -1.9671, -69.2742



197.3340, 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.



171.0850, 1.4371, 52.5455



176.0100, 1.9671, 69.2742



173.6660, -16.5973, 50.2819



107.1580, 0.4151, 6.8774



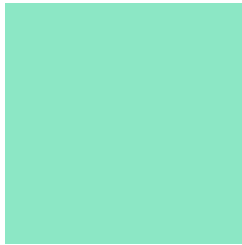
61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 199.9150, -1.4371, -52.5455 looks on a white background.

Color Contrast Check

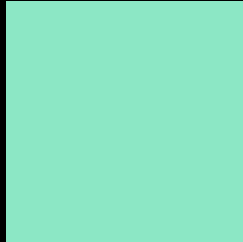
Large Text (above 18pt) WCAG AA × Fail

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 199.9150, -1.4371, -52.5455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

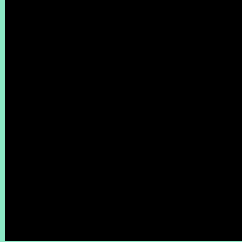
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9150, -1.4371, -52.5455

Background



This preview shows how black text looks on a background with the YUV color 199.9150, -1.4371, -52.5455.



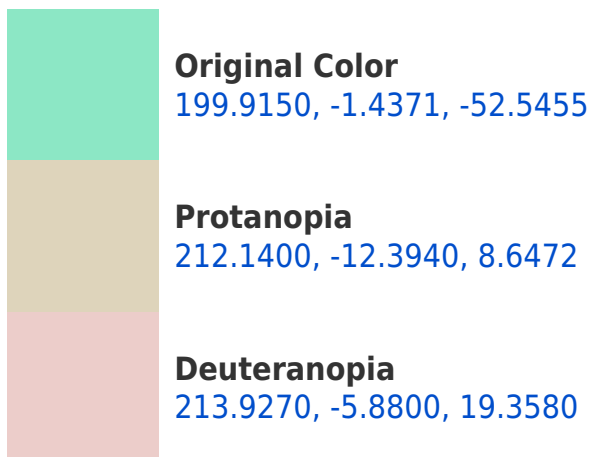
This preview shows how white text looks on a background with the YUV color 199.9150, -1.4371, -52.5455.

-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

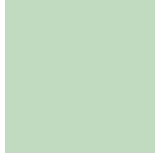
204.9260, 18.7705, -47.2931

Trichromacy



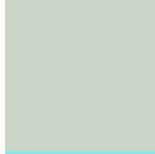
Original Color

199.9150, -1.4371, -52.5455



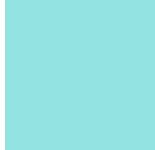
Protanomaly

207.7350, -8.2504, -13.7996



Deuteranomaly

208.5170, -4.1989, -6.5924



Tritanomaly

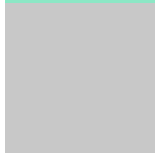
202.9660, 11.3558, -49.0822

Monochromacy



Original Color

199.9150, -1.4371, -52.5455



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.7650, -0.3771, -19.0879

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9150, -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(140, 231, 197)` looks like.

```
.text, #text, p{  
    color:rgb(140, 231, 197)  
}
```

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(140, 231, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 231, 197) }
```

Border

The CSS property to change the border of an element to YUV 199.9150, -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(140, 231, 197) }
```


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

```
.border{ border-color:rgb(140, 231, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 231, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 231, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 231, 197);  
box-shadow:4px 4px 4px 4px rgb(140, 231,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 199.9150, -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(140, 231, 197) }
```

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

```
.background{ background-color: rgb(140,  
231, 197) }
```

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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