

Converting Colors

YUV(193.0550, 2.9309,
-53.5452)

Have a look what the booklet for
YUV(193.0550, 2.9309, -53.5452)
contains.

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Color

**YUV(193.0550, 2.9309,
-53.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	84DFC7
RGB	132, 223, 199
RGB Percent	52%, 87%, 78%
CMY	0.4824, 0.1255, 0.2196
CMYK	0.41, 0.00, 0.11, 0.13
HSL	164°, 59%, 70%
HSV	164°, 41%, 87%
XYZ	46.2122, 61.8044, 63.5266
YIQ	193.0550, -46.5320, -26.7560

Conversions

Conversions Part 2

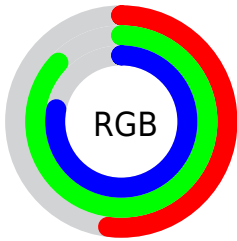
Format	Color
RYB	132, 184, 223
Decimal	8708039
CIELab	82.81, -32.74, 3.24
CIELCh	83, 32.896, 174.346
Yxy	61.8044, 0.2694, 0.3603
Android (android.graphics.Color)	4286898119 (0xFF84DFC7)
YUV	193.0550, 2.9309, -53.5452
Hunter-Lab	78.6158, -32.6511, 7.1209

Details

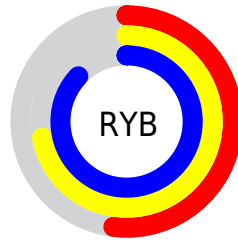
The YUV color **193.0550, 2.9309, -53.5452** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.9450, -2.9309, 53.5452**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **137.2830, 3.8045, -53.7452** is the 20% darker color. If you saturate the color by 10%, you get **185.7930, 3.5531, -66.4705**, and if you desaturate by 10%, it is **200.3170, 2.3087, -40.6200**.

Distribution



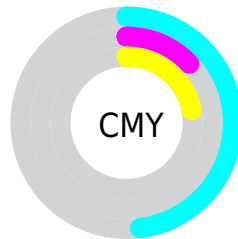
- Red (52%)
- Green (87%)
- Blue (78%)



- Red (52%)
- Yellow (72%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0550, 2.9309, -53.5452 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 193.0550, 2.9309, -53.5452 by changing the saturation by 10% instead.

■ 193.0550, 2.9309,
-53.5452

■ 193.0550, 2.9309,
-53.5452

255.0000, 0.0000,
0.0000

■ 165.1690, 3.3677,
-53.6452

■ 235.2660, 9.7289,
-40.5753

■ 137.2830, 3.8045,
-53.7452

■ 243.9370, 5.4541,
-22.7467

■ 110.2010, 4.8309,
-56.3043

■ 252.6080, 1.1793,
-4.9182

■ 78.9330, 7.9210,
-67.4702

■ 60.9240, 4.9675,
-53.4303

■ 44.3280, 2.3033,
-38.8757

■ 28.4330, -0.2135,

-24.9357

■ 10.7940, -4.3354,
-9.4663

■ 0.0000, 0.0000,
0.0000

■ 193.0550, 2.9309,
-53.5452

■ 193.0550, 2.9309,
-53.5452

■ 185.7930, 3.5531,
-66.4705

■ 200.3170, 2.3087,
-40.6200

■ 178.2320, 4.3226,
-80.0105

■ 207.8780, 1.5391,
-27.0800

■ 170.9700, 4.9448,
-92.9357

■ 215.1400, 0.9170,
-14.1548

■ 163.7080, 5.5670,
-105.8609

■ 222.4020, 0.2948,
-1.2296

■ 156.5600, 6.6259,
-118.8861

■ 229.5500, -0.7641,
11.7957

■ 149.5970, 7.1007,
-131.1966

■ 233.8220, 0.0878,
18.5731

■ 234.5060, 2.7085,
17.9732

■ 235.1900, 5.3293,
17.3734

■ 235.8740, 7.9501,
16.7735

Harmonies

Analogous

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



197.4530, -14.0273, -27.5843



193.0550, 2.9309, -53.5452



190.1250, 20.1514, -70.2696

Triad

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



193.0550, 2.9309, -53.5452



207.1670, 23.5817, -3.6545



206.8470, -24.5746, 42.2302

Complementary

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



193.0550, 2.9309, -53.5452



161.9450, -2.9309, 53.5452

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.



205.5880, -11.6289, 43.3343



193.0550, 2.9309, -53.5452



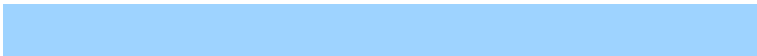
210.9920, 15.7799, 25.4400

Square

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



193.0550, 2.9309, -53.5452



200.1690, 27.0317, -36.9822



208.5350, 2.2012, 40.7498



205.0700, -29.6145, 25.3716

Rectangle

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



193.0550, 2.9309, -53.5452



191.7860, 27.7135, -69.0953



208.5350, 2.2012, 40.7498



205.8840, -20.6488, 43.0747

Sweetspot

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



193.0550, 2.9309, -53.5452



244.8190, 1.0752, -18.2583



192.5930, -29.8723, -32.0921



122.0480, 0.4693, -10.5661



0.0000, 0.0000, 0.0000



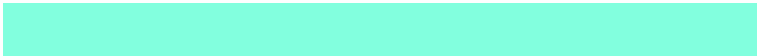
128.0000, 0.0000, 0.0000

Same Dimension

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



193.0550, 2.9309, -53.5452



213.8630, 4.0115, -73.5479



183.4640, 19.4912, -45.1339



108.3690, 0.3111, -6.4626



118.1320, 5.8509, -103.6018



32.2800, 1.8340, -28.3096

Inverse Universe

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



161.9450, -2.9309, 53.5452



171.1370, -4.0115, 73.5479



171.5360, -19.4912, 45.1339



104.6310, -0.3111, 6.4626



57.8680, -5.8509, 103.6018



15.8340, -1.3972, 28.2096

Previews

White Background



This preview shows how the YUV color 193.0550, 2.9309, -53.5452 looks on a white background.

Color Contrast Check

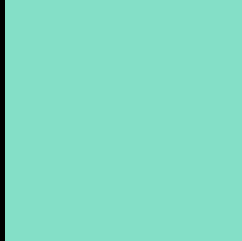
Large Text (above 18pt) WCAG AA × Fail

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 193.0550, 2.9309, -53.5452 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

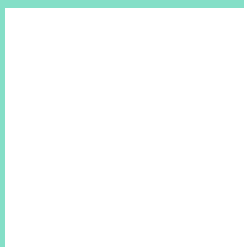
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.0550, 2.9309, -53.5452

Background



This preview shows how black text looks on a background with the YUV color 193.0550, 2.9309, -53.5452.



This preview shows how white text looks on a background with the YUV color 193.0550, 2.9309, -53.5452.

-53.5452.

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

193.0550, 2.9309, -53.5452

Protanopia

204.9810, -7.8786, 7.0327

Deuteranopia

206.7570, -1.3592, 15.9991



Tritanopia

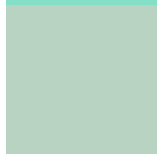
196.9150, 18.7759, -49.0375

Trichromacy



Original Color

193.0550, 2.9309, -53.5452



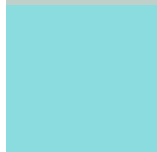
Protanomaly

200.8750, -3.8824, -14.7994



Deuteranomaly

201.6460, 0.1745, -9.3365



Tritanomaly

195.7100, 12.9610, -50.6117

Monochromacy



Original Color

193.0550, 2.9309, -53.5452



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.1070, 0.9332, -19.3878

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0550, 2.9309, -53.5452 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(132, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(132, 223, 199)  
}
```

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(132, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 223, 199) }
```

Border

The CSS property to change the border of an element to YUV 193.0550, 2.9309, -53.5452 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(132, 223, 199) }
```


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

```
.border{ border-color:rgb(132, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 223, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 223, 199); box-shadow:4px 4px 4px 4px rgb(132, 223, 199) }
```

Background

The CSS property to change the background color of an element to YUV 193.0550, 2.9309, -53.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 223, 199) }
```

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

```
.background{ background-color: rgb(132,  
223, 199) }
```

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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