

Converting Colors

YUV(152.1570, -2.0494,
-89.5917)

Have a look what the booklet for
YUV(152.1570, -2.0494, -89.5917)
contains.

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Color

**YUV(152.1570, -2.0494,
-89.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	32CD94
RGB	50, 205, 148
RGB Percent	20%, 80%, 58%
CMY	0.8039, 0.1961, 0.4196
CMYK	0.76, 0.00, 0.28, 0.20
HSL	158°, 61%, 50%
HSV	158°, 76%, 80%
XYZ	28.4920, 46.4789, 35.4866
YIQ	152.1570, -74.0830, -50.5870

Conversions

Conversions Part 2

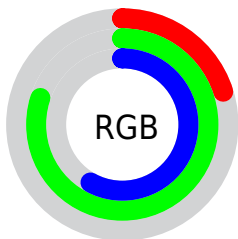
Format	Color
RYB	50, 145, 205
Decimal	3329428
CIELab	73.86, -52.68, 17.29
CIELCh	74, 55.441, 161.832
Yxy	46.4789, 0.2579, 0.4208
Android (android.graphics.Color)	4281519508 (0xFF32CD94)
YUV	152.1570, -2.0494, -89.5917
Hunter-Lab	68.1754, -44.7079, 16.8612

Details

The YUV color **152.1570, -2.0494, -89.5917** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **102.8430, 2.0494, 89.5917**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2940, -3.1029, -78.3108**, and **99.1080, -1.0392, -86.9177** is the 20% darker color. If you saturate the color by 10%, you get **145.2650, -2.5956, -101.0874**, and if you desaturate by 10%, it is **159.0490, -1.5032, -78.0960**.

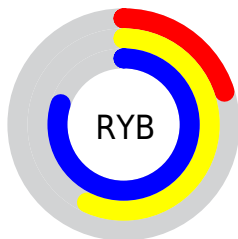
Distribution



Red (20%)

Green (80%)

Blue (58%)



Red (20%)

Yellow (57%)

Blue (80%)

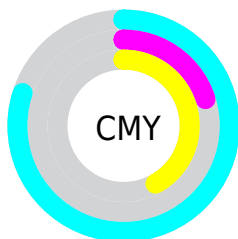


Cyan (76%)

Magenta (0%)

Yellow (28%)

Black (20%)



Cyan (80%)


Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1570, -2.0494, -89.5917 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 152.1570, -2.0494, -89.5917 by changing the saturation by 10% instead.


 152.1570, -2.0494,
-89.5917


 152.1570, -2.0494,
-89.5917


255.0000, 0.0000,
0.0000

 117.8070, 2.0671,
-103.3167


 208.2940, -3.1029,
-78.3108

 99.1080, -1.0392,
-86.9177


 220.7550, 4.5578,
-62.0521


 80.5230, -3.7088,
-70.6187


 232.5750, 11.0555,
-46.1083

 62.6390, -6.2310,
-54.9344

 241.5450, 6.6333,
-27.6650

 45.5700, -8.1690,
-39.9649

 250.8140, 2.0637,
-8.6069

 29.3330, -11.9962,
-25.7250

 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 152.1570, -2.0494,
-89.5917

■ 152.1570, -2.0494,
-89.5917

■ 145.2650, -2.5956,
-101.0874

■ 159.0490, -1.5032,
-78.0960

■ 138.1880, -2.5577,
-113.2979

■ 166.1260, -1.5411,
-65.8855

■ 135.1550, -2.5414,
-118.5309

■ 173.3170, -1.1423,
-53.7750

■ 180.0950, -1.0328,
-42.1793

■ 187.2860, -0.6340,
-30.0688

■ 194.0640, -0.5246,
-18.4731

■ 201.2550, -0.1257,
-6.3626

■ 208.0330, -0.0163,
5.2331

■ 215.2240, 0.3826,
17.3436

Harmonies

Analogous

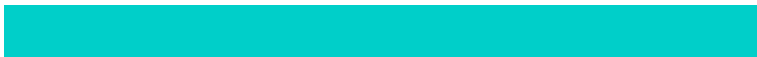
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.6320, -32.3566, -28.6183



152.1570, -2.0494, -89.5917



144.4230, 27.8925, -126.6590

Triad

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



152.1570, -2.0494, -89.5917



173.8990, 39.9828, -37.6224



176.9320, -30.0395, 68.4656

Complementary

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



152.1570, -2.0494, -89.5917



102.8430, 2.0494, 89.5917

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.



175.8330, -6.3267, 69.4295



152.1570, -2.0494, -89.5917



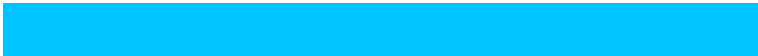
186.0790, 33.9781, 21.8557

Square

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



152.1570, -2.0494, -89.5917



144.1220, 54.6629, -126.3950



184.5820, 14.5031, 61.7566



178.9410, -47.2989, 50.9177

Rectangle

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



152.1570, -2.0494, -89.5917



147.5980, 42.5962, -129.4434



184.5820, 14.5031, 61.7566



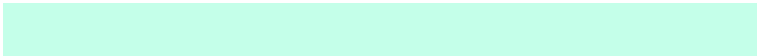
175.7070, -22.0406, 69.5400

Sweetspot

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



152.1570, -2.0494, -89.5917



234.8510, -0.9125, -34.0723



158.6260, -53.5526, -43.5220



115.6400, -0.8085, -20.7323



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.



152.1570, -2.0494, -89.5917



175.9420, -2.9294, -134.1301



148.0890, 28.0571, -86.0241



98.5540, -0.2731, -5.7479



109.4120, -2.1751, -95.9543



25.0420, -0.5137, -21.9618

Inverse Universe

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



102.8430, 2.0494, 89.5917



102.0580, 2.9294, 134.1301



106.9110, -28.0571, 86.0241



95.4460, 0.2731, 5.7479



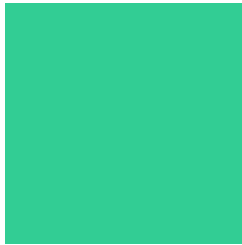
56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 152.1570, -2.0494, -89.5917 looks on a white background.

Color Contrast Check

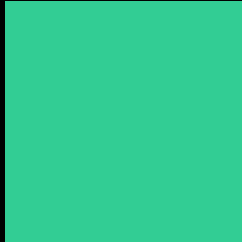
Large Text (above 18pt) WCAG AA × Fail

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 152.1570, -2.0494, -89.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

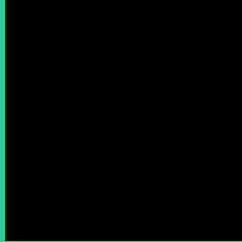
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.1570, -2.0494, -89.5917

Background



This preview shows how black text looks on a background with the YUV color 152.1570, -2.0494, -89.5917.

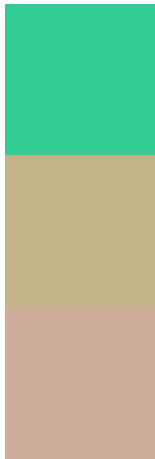


This preview shows how white text looks on a background with the YUV color 152.1570, -2.0494, -89.5917.

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

152.1570, -2.0494, -89.5917

Protanopia

178.8710, -21.1354, 12.3911

Deuteranopia

180.8150, -12.7268, 22.0872



Tritanopia

164.4390, 23.9406, -72.2990

Trichromacy



Original Color

152.1570, -2.0494, -89.5917



Protanomaly

169.0620, -14.3276, -24.6104



Deuteranomaly

170.4740, -9.1077, -18.8327



Tritanomaly

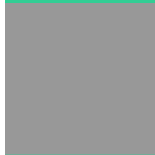
159.8760, 14.3581, -78.8213

Monochromacy



Original Color

152.1570, -2.0494, -89.5917



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9760, -0.4812, -32.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1570, -2.0494, -89.5917 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(50, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(50, 205, 148)  
}
```

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(50, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 205, 148) }
```

Border

The CSS property to change the border of an element to YUV 152.1570, -2.0494, -89.5917 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(50, 205, 148) }
```


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

```
.border{ border-color:rgb(50, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 205, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 205, 148);  
box-shadow:4px 4px 4px 4px rgb(50, 205,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 152.1570, -2.0494, -89.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 205, 148) }
```

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

```
.background{ background-color: rgb(50, 205,  
148) }
```

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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