

Converting Colors

YUV(152.1490, 27.0415,
-86.9537)

Have a look what the booklet for
YUV(152.1490, 27.0415, -86.9537)
contains.

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Color

**YUV(152.1490, 27.0415,
-86.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	35C0CF
RGB	53, 192, 207
RGB Percent	21%, 75%, 81%
CMY	0.7922, 0.2471, 0.1882
CMYK	0.74, 0.07, 0.00, 0.19
HSL	186°, 62%, 51%
HSV	186°, 74%, 81%
XYZ	31.5803, 42.9612, 65.6594
YIQ	152.1490, -87.6590, -24.8030

Conversions

Conversions Part 2

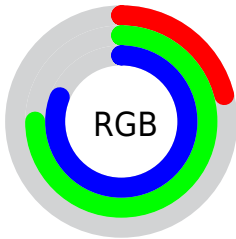
Format	Color
R _{YB}	53, 126, 207
Decimal	3522767
CIE _{Lab}	71.53, -30.97, -18.06
CIE _{LCh}	72, 35.851, 210.246
Y _{xy}	42.9612, 0.2253, 0.3064
Android (android.graphics.Color)	4281712847 (0xFF35C0CF)
Y _{UV}	152.1490, 27.0415, -86.9537
Hunter-Lab	65.5448, -28.6997, -13.5123

Details

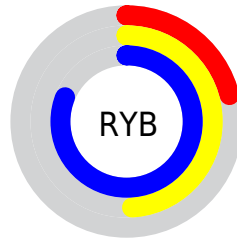
The YUV color **152.1490, 27.0415, -86.9537** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **107.8510, -27.0415, 86.9537**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0100, 21.1941, -78.0618**, and **98.4480, 26.8941, -86.3389** is the 20% darker color. If you saturate the color by 10%, you get **144.6960, 30.7159, -98.8344**, and if you desaturate by 10%, it is **159.6020, 23.3672, -75.0730**.

Distribution



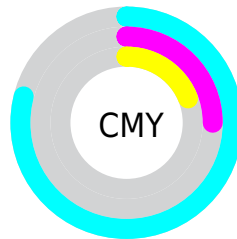
- Red (21%)
- Green (75%)
- Blue (81%)



- Red (21%)
- Yellow (49%)
- Blue (81%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1490, 27.0415, -86.9537 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 152.1490, 27.0415, -86.9537 by changing the saturation by 10% instead.

■ 152.1490, 27.0415,
-86.9537

■ 152.1490, 27.0415,
-86.9537

■ 255.0000, 0.0000,
0.0000

■ 117.2610, 30.4373,
-102.8379

■ 212.0100, 21.1941,
-78.0618

■ 98.4480, 26.8941,
-86.3389

■ 224.8010, 14.8881,
-62.0925

■ 80.2220, 23.0616,
-70.3547

■ 234.0700, 10.3185,
-43.0344

■ 62.6970, 19.3764,
-54.9853

■ 243.0400, 5.8963,
-24.5911

■ 45.8730, 15.8386,
-40.2306

■ 252.3090, 1.3267,
-5.5330

■ 30.3370, 12.1589,
-26.6055

■ 10.9200, 11.3784,

-9.5768

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 152.1490, 27.0415,
-86.9537

■ 152.1490, 27.0415,
-86.9537

■ 144.6960, 30.7159,
-98.8344

■ 159.6020, 23.3672,
-75.0730


■ 137.5420, 34.2428,
-110.1003

■ 166.7560, 19.8403,
-63.8070


■ 133.3670, 36.3011,
-116.9629


■ 174.2090, 16.1660,
-51.9263

■ 181.6620, 12.4916,
-40.0456

 189.1150, 8.8173,
-28.1649

 196.2690, 5.2904,
-16.8989

 203.7220, 1.6161,
-5.0182

 211.1750, -2.0583,
6.8625

 218.3290, -5.5852,
18.1285

Harmonies

Analogous

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



157.9440, 7.9156, -65.7259



152.1490, 27.0415, -86.9537



159.1260, 35.4339, -72.0245

Triad

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



152.1490, 27.0415, -86.9537



180.1670, 13.7217, 32.3025



172.8800, -31.4928, 21.1532

Complementary

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



152.1490, 27.0415, -86.9537



107.8510, -27.0415, 86.9537

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.



175.6360, -27.9215, 42.4152



152.1490, 27.0415, -86.9537



178.9770, -1.4677, 50.8862

Square

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



152.1490, 27.0415, -86.9537



178.2970, 26.4756, 1.4935



177.3890, -16.4608, 53.1558



169.6100, -25.4437, -5.7970

Rectangle

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



152.1490, 27.0415, -86.9537



167.5680, 35.2160, -48.7331



177.3890, -16.4608, 53.1558



174.3370, -31.2251, 28.6455

Sweetspot

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



152.1490, 27.0415, -86.9537



235.3210, 9.7017, -31.8535



144.8800, -38.8878, -80.5788



115.4860, 6.1694, -18.8432



0.0000, 0.0000, 0.0000



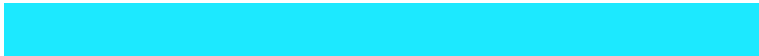
128.0000, 0.0000, 0.0000

Same Dimension

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



152.1490, 27.0415, -86.9537



174.2130, 39.8280, -128.2288



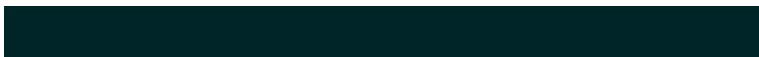
108.1240, 48.7459, -48.3437



101.1240, 1.9109, -6.2477



108.3760, 29.3946, -95.0458



26.3930, 7.2013, -23.1467

Inverse Universe

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



114.8920, 38.0142, 80.7787



119.2430, 56.0822, 119.0589



151.8760, -48.7459, 48.3437



98.4290, 2.7465, 5.7628



67.5600, 41.6289, 88.0859



16.4770, 10.1178, 21.5067

Previews

White Background



This preview shows how the YUV color 152.1490, 27.0415, -86.9537 looks on a white background.

Color Contrast Check

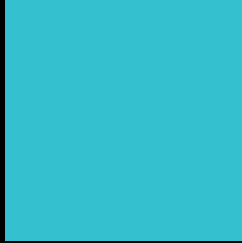
Large Text (above 18pt) WCAG AA × Fail

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 152.1490, 27.0415, -86.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

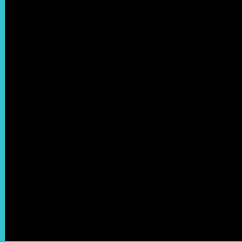
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.1490, 27.0415, -86.9537

Background



This preview shows how black text looks on a background with the YUV color 152.1490, 27.0415, -86.9537.

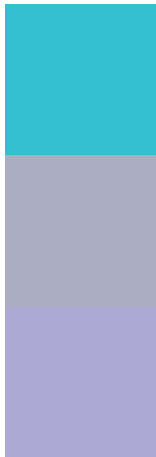


This preview shows how white text looks on a background with the YUV color 152.1490, 27.0415, -86.9537.

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

152.1490, 27.0415, -86.9537

Protanopia

174.7960, 9.4676, -3.3291

Deuteranopia

175.3860, 18.0507, -2.9695



Tritanopia

152.2630, 27.4783, -87.0537

Trichromacy



Original Color

152.1490, 27.0415, -86.9537



Protanomaly

166.6180, 15.9643, -33.8680



Deuteranomaly

166.9970, 21.2005, -33.3234



Tritanomaly

152.2630, 27.4783, -87.0537

Monochromacy



Original Color

152.1490, 27.0415, -86.9537



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.3210, 9.7017, -31.8535

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1490, 27.0415, -86.9537 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(53, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(53, 192, 207)  
}
```

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(53, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 192, 207) }
```

Border

The CSS property to change the border of an element to YUV 152.1490, 27.0415, -86.9537 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(53, 192, 207) }
```


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

```
.border{ border-color:rgb(53, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(53, 192,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 152.1490, 27.0415, -86.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 192, 207) }
```

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

```
.background{ background-color: rgb(53, 192,  
207) }
```

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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