

Converting Colors

YUV(152.6610, 3.6181,
-87.4027)

Have a look what the booklet for
YUV(152.6610, 3.6181, -87.4027)
contains.

YUV(152.6610, 3.6181, -87.4027)	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(152.6610, 3.6181,
-87.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	35CAA0
RGB	53, 202, 160
RGB Percent	21%, 79%, 63%
CMY	0.7922, 0.2078, 0.3725
CMYK	0.74, 0.00, 0.21, 0.21
HSL	163°, 58%, 50%
HSV	163°, 74%, 79%
XYZ	28.9339, 45.5360, 40.5221
YIQ	152.6610, -75.3220, -44.6500

Conversions

Conversions Part 2

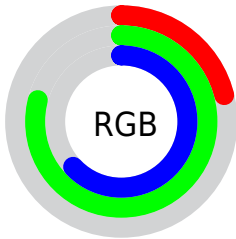
Format	Color
RYB	53, 140, 202
Decimal	3525280
CIELab	73.24, -48.32, 10.01
CIELCh	73, 49.344, 168.298
Yxy	45.5360, 0.2516, 0.3960
Android (android.graphics.Color)	4281715360 (0xFF35CAA0)
YUV	152.6610, 3.6181, -87.4027
Hunter-Lab	67.4804, -41.5543, 11.6325

Details

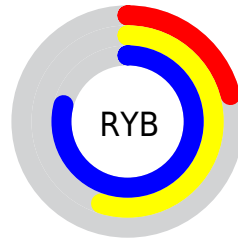
The YUV color **152.6610, 3.6181, -87.4027** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **102.3390, -3.6181, 87.4027**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3740, 2.2806, -78.3810**, and **98.7150, 5.0705, -86.5731** is the 20% darker color. If you saturate the color by 10%, you get **145.9970, 3.9455, -99.0984**, and if you desaturate by 10%, it is **159.3250, 3.2908, -75.7070**.

Distribution



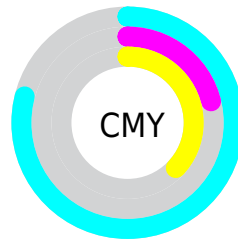
- Red (21%)
- Green (79%)
- Blue (63%)



- Red (21%)
- Yellow (55%)
- Blue (79%)



- Cyan (74%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)



- Cyan (79%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6610, 3.6181, -87.4027 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 152.6610, 3.6181, -87.4027 by changing the saturation by 10% instead.

■ 152.6610, 3.6181,
-87.4027

■ 152.6610, 3.6181,
-87.4027

■ 255.0000, 0.0000,
0.0000

■ 117.4140, 8.1769,
-102.9721

■ 210.3740, 2.2806,
-78.3810

■ 98.7150, 5.0705,
-86.5731

■ 222.5360, 10.0888,
-62.7371

■ 80.0160, 1.9641,
-70.1740

■ 232.8740, 10.9081,
-45.4935

■ 62.7190, -0.8475,
-55.0046

■ 242.1430, 6.3385,
-26.4354

■ 45.5360, -3.2222,
-39.9351

■ 251.1130, 1.9163,
-7.9921

■ 29.7550, -5.3022,
-26.0951

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 152.6610, 3.6181,
-87.4027

■ 152.6610, 3.6181,
-87.4027

■ 145.9970, 3.9455,
-99.0984

■ 159.3250, 3.2908,
-75.7070

■ 139.4470, 4.7096,
-110.8940

■ 165.8750, 2.5266,
-63.9114

■ 135.1040, 4.8787,
-118.4862

■ 172.8380, 2.0519,
-51.6009

■ 179.5020, 1.7245,
-39.9053

■ 186.0520, 0.9604,
-28.1096

■ 192.7160, 0.6330,
-16.4139

■ 199.3800, 0.3057,
-4.7183

■ 206.3430, -0.1691,
7.5922

■ 212.8930, -0.9332,
19.3878

Harmonies

Analogous

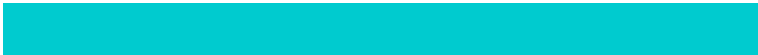
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.7760, -24.0466, -34.0066



152.6610, 3.6181, -87.4027



142.7590, 31.6708, -125.1996

Triad

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



152.6610, 3.6181, -87.4027



178.4390, 37.7446, -19.6790



179.6280, -32.3546, 64.3472

Complementary

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



152.6610, 3.6181, -87.4027



102.3390, -3.6181, 87.4027

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.



178.3290, -11.9942, 67.2405



152.6610, 3.6181, -87.4027



184.7010, 27.2624, 29.2032

Square

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



152.6610, 3.6181, -87.4027



156.4470, 48.5866, -90.7230



183.5730, 8.0985, 62.6415



177.3140, -43.0458, 40.0666

Rectangle

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



152.6610, 3.6181, -87.4027



144.7770, 44.4799, -126.9694



183.5730, 8.0985, 62.6415



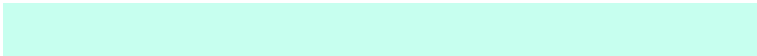
178.6590, -25.9609, 66.9511

Sweetspot

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



152.6610, 3.6181, -87.4027



236.4320, 1.2660, -32.8279



153.0210, -49.3104, -50.8844



116.6940, 0.6439, -19.9026



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.



152.6610, 3.6181, -87.4027



179.8310, 5.5063, -133.1558



138.6650, 31.2242, -75.1282



98.6680, 0.1637, -5.8478



111.0080, 3.9401, -97.3540



25.3840, 0.7967, -22.2618

Inverse Universe

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



102.3390, -3.6181, 87.4027



103.1690, -5.5063, 133.1558



116.3350, -31.2242, 75.1282



95.3320, -0.1637, 5.8478



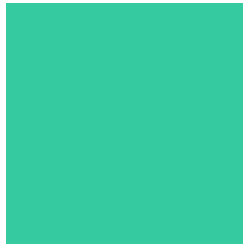
54.9920, -3.9401, 97.3540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 152.6610, 3.6181, -87.4027 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 152.6610, 3.6181, -87.4027 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

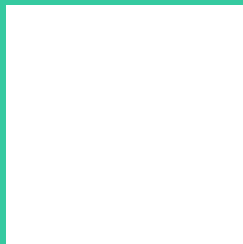
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.6610, 3.6181, -87.4027

Background



This preview shows how black text looks on a background with the YUV color 152.6610, 3.6181, -87.4027.



This preview shows how white text looks on a background with the YUV color 152.6610, 3.6181, -87.4027.

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

152.6610, 3.6181, -87.4027

Protanopia

177.5700, -14.5780, 9.1471

Deuteranopia

179.8020, -6.3114, 17.7136



Tritanopia

162.1400, 24.0880, -72.9138

Trichromacy



Original Color

152.6610, 3.6181, -87.4027



Protanomaly

168.6580, -8.2124, -26.0101



Deuteranomaly

170.0700, -2.9925, -20.2324



Tritanomaly

159.0440, 16.2473, -78.0916

Monochromacy



Original Color

152.6610, 3.6181, -87.4027



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.1440, 1.4080, -31.6983

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6610, 3.6181, -87.4027 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, 202, 160)` looks like.

```
.text, #text, p{  
    color:rgb(53, 202, 160)  
}
```

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, 202, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 202, 160) }
```

Border

The CSS property to change the border of an element to YUV 152.6610, 3.6181, -87.4027 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, 202, 160) }
```


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

```
.border{ border-color:rgb(53, 202, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 202, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 202, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 202, 160); box-shadow:4px 4px 4px 4px rgb(53, 202, 160) }
```

Background

The CSS property to change the background color of an element to YUV 152.6610, 3.6181, -87.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 202, 160) }
```

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

```
.background{ background-color: rgb(53, 202,  
160) }
```

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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