

Converting Colors

YUV(162.9090, 10.8909,
-86.7432)

Have a look what the booklet for
YUV(162.9090, 10.8909, -86.7432)
contains.

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Color

**YUV(162.9090, 10.8909,
-86.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	40D1B9
RGB	64, 209, 185
RGB Percent	25%, 82%, 73%
CMY	0.7490, 0.1804, 0.2745
CMYK	0.69, 0.00, 0.11, 0.18
HSL	170°, 61%, 54%
HSV	170°, 69%, 82%
XYZ	33.6718, 50.1937, 53.8126
YIQ	162.9090, -78.7160, -38.2040

Conversions

Conversions Part 2

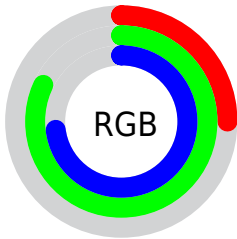
Format	Color
RYB	64, 143, 209
Decimal	4247993
CIELab	76.19, -43.57, 0.82
CIELCh	76, 43.580, 178.924
Yxy	50.1937, 0.2446, 0.3646
Android (android.graphics.Color)	4282438073 (0xFF40D1B9)
YUV	162.9090, 10.8909, -86.7432
Hunter-Lab	70.8475, -39.1473, 4.5592

Details

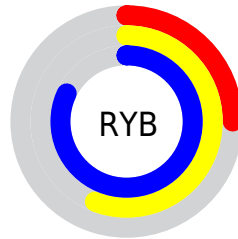
The YUV color **162.9090, 10.8909, -86.7432** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **110.0910, -10.8909, 86.7432**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0290, 12.3107, -75.4474**, and **105.4460, 13.0911, -92.4761** is the 20% darker color. If you saturate the color by 10%, you get **156.2880, 12.6760, -99.3536**, and if you desaturate by 10%, it is **169.5300, 9.1057, -74.1328**.

Distribution



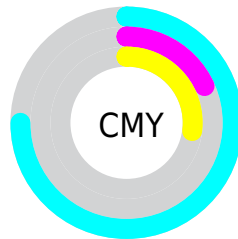
- Red (25%)
- Green (82%)
- Blue (73%)



- Red (25%)
- Yellow (56%)
- Blue (82%)



- Cyan (69%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9090, 10.8909, -86.7432 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 162.9090, 10.8909, -86.7432 by changing the saturation by 10% instead.

■ 162.9090, 10.8909,
-86.7432

■ 162.9090, 10.8909,
-86.7432

■ 255.0000, 0.0000,
0.0000

■ 126.6510, 15.4551,
-104.0569

■ 216.0290, 12.3107,
-75.4474

■ 105.4460, 13.0911,
-92.4761

■ 226.8940, 13.8563,
-57.7890

■ 86.7470, 9.9847,
-76.0771

■ 235.8640, 9.4340,
-39.3457

■ 68.7490, 7.0257,
-60.2929

■ 244.8340, 5.0118,
-20.9024

■ 51.4520, 4.2142,
-45.1234

■ 254.1030, 0.4422,
-1.8443

■ 34.8560, 1.5500,
-30.5687

■ 19.6620, -0.8194,

-17.2436

■ 0.0000, 0.0000,
0.0000

■ 162.9090, 10.8909,
-86.7432

■ 162.9090, 10.8909,
-86.7432

■ 156.2880, 12.6760,
-99.3536

■ 169.5300, 9.1057,
-74.1328

■ 149.5530, 14.0244,
-111.8640

■ 176.2650, 7.7574,
-61.6224

■ 142.9320, 15.8095,
-124.4744

■ 182.8860, 5.9722,
-49.0120

■ 142.5190, 15.5201,
-124.9892

■ 189.6210, 4.6238,
-36.5016

■ 196.2420, 2.8387,
-23.8912

■ 202.6780, 1.6377,
-11.9956

■ 209.2990, -0.1474,
0.6148

■ 216.0340, -1.4958,
13.1252

■ 222.6550, -3.2809,
25.7356

Harmonies

Analogous

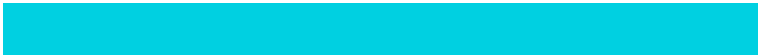
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.2400, -14.4153, -43.1835



162.9090, 10.8909, -86.7432



147.7460, 38.0862, -129.5732

Triad

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



162.9090, 10.8909, -86.7432



190.3660, 31.8646, -0.3210



187.9100, -33.4796, 51.8219

Complementary

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



162.9090, 10.8909, -86.7432



110.0910, -10.8909, 86.7432

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.



186.7920, -17.6455, 59.8184



162.9090, 10.8909, -86.7432



193.3510, 18.0680, 38.2802

Square

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



162.9090, 10.8909, -86.7432



178.8500, 37.5419, -48.1034



189.5910, 0.6946, 57.3637



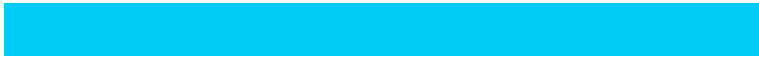
184.9640, -38.9293, 26.3416

Rectangle

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



162.9090, 10.8909, -86.7432



148.4930, 48.5640, -130.2284



189.5910, 0.6946, 57.3637



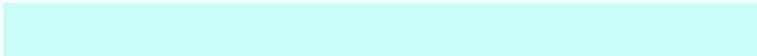
188.3930, -29.2807, 58.4143

Sweetspot

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



162.9090, 10.8909, -86.7432



237.8280, 4.0288, -32.2982



156.2910, -45.4995, -59.8912



117.7480, 2.0962, -19.0730



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.



162.9090, 10.8909, -86.7432



187.6220, 15.9624, -126.8335



137.4690, 35.2648, -64.4323



101.4830, 0.7479, -6.5626



114.5760, 12.5340, -100.4832



27.9430, 2.9861, -24.5060

Inverse Universe

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



110.0910, -10.8909, 86.7432



110.3780, -15.9624, 126.8335



135.5310, -35.2648, 64.4323



97.5170, -0.7479, 6.5626



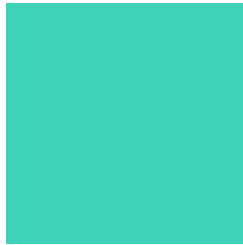
53.4240, -12.5340, 100.4832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 162.9090, 10.8909, -86.7432 looks on a white background.

Color Contrast Check

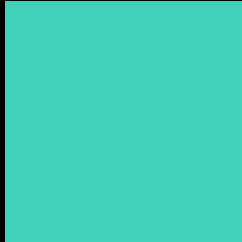
Large Text (above 18pt) WCAG AA × Fail

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 162.9090, 10.8909, -86.7432 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

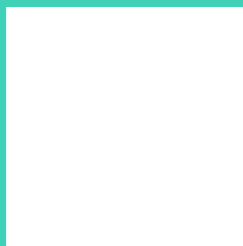
Any Text WCAG AAA ✓ Pass

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

YUV 162.9090, 10.8909, -86.7432 Background



This preview shows how black text looks on a background with the YUV color 162.9090, 10.8909, -86.7432.



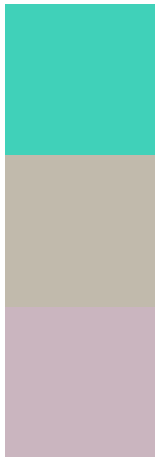
This preview shows how white text looks on a background with the YUV color 162.9090, 10.8909, -86.7432.

-86.7432.

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

162.9090, 10.8909, -86.7432

Protanopia

186.4970, -7.1470, 5.7031

Deuteranopia

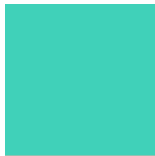
188.4190, 1.2724, 11.9105



Tritanopia

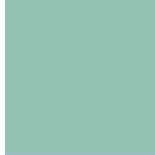
169.3460, 24.9724, -76.6024

Trichromacy



Original Color

162.9090, 10.8909, -86.7432



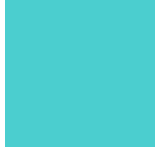
Protanomaly

177.7100, -0.3500, -27.8097



Deuteranomaly

179.1110, 4.8753, -23.7763



Tritanomaly

166.9450, 19.7471, -80.6358

Monochromacy



Original Color

162.9090, 10.8909, -86.7432



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1270, 3.8814, -31.6834

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9090, 10.8909, -86.7432 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(64, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(64, 209, 185)  
}
```

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(64, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 209, 185) }
```

Border

The CSS property to change the border of an element to YUV 162.9090, 10.8909, -86.7432 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(64, 209, 185) }
```


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

```
.border{ border-color:rgb(64, 209, 185) }
```

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

Here you see how a box with a 4 pixel rgb(64, 209, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 209, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 209, 185);  
box-shadow:4px 4px 4px 4px rgb(64, 209,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 162.9090, 10.8909, -86.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 209, 185) }
```

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

```
.background{ background-color: rgb(64, 209,  
185) }
```

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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