

Converting Colors

YUV(163.4090, 9.1654,
-93.3207)

Have a look what the booklet for
YUV(163.4090, 9.1654, -93.3207)
contains.

YUV(163.4090, 9.1654, -93.3207)	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(163.4090, 9.1654,
-93.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	39D6B6
RGB	57, 214, 182
RGB Percent	22%, 84%, 71%
CMY	0.7765, 0.1608, 0.2863
CMYK	0.73, 0.00, 0.15, 0.16
HSL	168°, 66%, 53%
HSV	168°, 73%, 84%
XYZ	34.1774, 52.3404, 52.5573
YIQ	163.4090, -83.3000, -43.2360

Conversions

Conversions Part 2

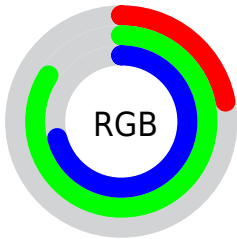
Format	Color
RYB	57, 144, 214
Decimal	3790518
CIELab	77.48, -47.40, 4.29
CIELCh	77, 47.590, 174.826
Yxy	52.3404, 0.2457, 0.3763
Android (android.graphics.Color)	4281980598 (0xFF39D6B6)
YUV	163.4090, 9.1654, -93.3207
Hunter-Lab	72.3467, -42.2812, 7.5705

Details

The YUV color **163.4090, 9.1654, -93.3207** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **107.5910, -9.1654, 93.3207**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4910, 11.5899, -77.6066**, and **107.4520, 10.6232, -94.2354** is the 20% darker color. If you saturate the color by 10%, you get **156.6740, 10.5137, -105.8311**, and if you desaturate by 10%, it is **170.1440, 7.8170, -80.8103**.

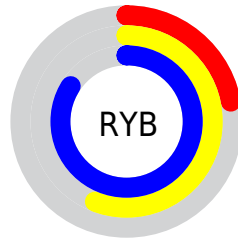
Distribution



Red (22%)

Green (84%)

Blue (71%)



Red (22%)

Yellow (56%)

Blue (84%)

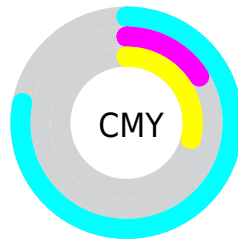


Cyan (73%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (78%)

Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4090, 9.1654, -93.3207 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 163.4090, 9.1654, -93.3207 by changing the saturation by 10% instead.

■ 163.4090, 9.1654,
-93.3207

■ 163.4090, 9.1654,
-93.3207

■ 255.0000, 0.0000,
0.0000

■ 126.8520, 13.8770,
-111.2492

■ 214.4910, 11.5899,
-77.6066

■ 107.4520, 10.6232,
-94.2354

■ 225.6980, 14.4459,
-60.2481

■ 88.7530, 7.5168,
-77.8364

■ 234.9670, 9.8763,
-41.1901

■ 70.7550, 4.5578,
-62.0521

■ 244.2360, 5.3067,
-22.1320

■ 53.4580, 1.7462,
-46.8827

■ 253.2060, 0.8844,
-3.6887

■ 36.9760, -0.4812,
-32.4280

■ 21.6680, -3.2873,

-19.0028

■ 0.0000, 0.0000,
0.0000

■ 163.4090, 9.1654,
-93.3207

■ 163.4090, 9.1654,
-93.3207

■ 156.6740, 10.5137,
-105.8311

■ 170.1440, 7.8170,
-80.8103

■ 149.5260, 11.5727,
-118.8563

■ 177.2920, 6.7580,
-67.7851

■ 144.9980, 12.3260,
-127.1632

■ 184.0270, 5.4097,
-55.2747

■ 191.0610, 3.9139,
-42.1495

■ 197.9100, 3.0024,
-29.7391

■ 204.6450, 1.6540,
-17.2287

■ 211.7930, 0.5951,
-4.2035

■ 218.5280, -0.7533,
8.3069

■ 225.5620, -2.2491,
21.4321

Harmonies

Analogous

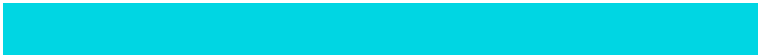
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.3990, -18.9307, -41.5689



163.4090, 9.1654, -93.3207



151.4960, 37.2235, -132.8620

Triad

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



163.4090, 9.1654, -93.3207



191.5070, 31.3020, -6.5836



190.4160, -34.2221, 56.6402

Complementary

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



163.4090, 9.1654, -93.3207



107.5910, -9.1654, 93.3207

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.



186.8890, -14.7353, 59.7333



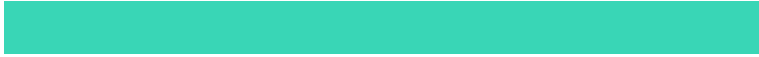
163.4090, 9.1654, -93.3207



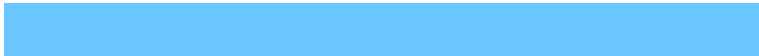
197.1920, 22.5833, 36.6656

Square

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



163.4090, 9.1654, -93.3207



176.6910, 38.6063, -62.8730



190.7310, 5.0626, 56.3639



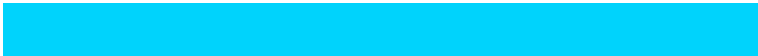
188.3840, -42.5873, 32.9892

Rectangle

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



163.4090, 9.1654, -93.3207



152.5850, 49.0116, -133.8170



190.7310, 5.0626, 56.3639



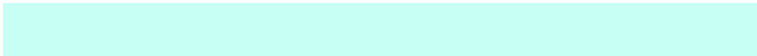
188.6210, -28.4072, 58.2144

Sweetspot

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



163.4090, 9.1654, -93.3207



237.0020, 3.4500, -33.3278



159.3250, -50.4462, -59.9210



117.0360, 1.9543, -20.2026



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.



163.4090, 9.1654, -93.3207



182.7800, 12.9265, -133.1111



141.2290, 35.8761, -73.8688



103.4830, 0.7479, -6.5626



115.8810, 9.9187, -101.6276



29.2310, 2.8441, -25.6356

Inverse Universe

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



107.5910, -9.1654, 93.3207



103.1060, -13.3633, 133.2110



129.7710, -35.8761, 73.8688



99.6310, -0.3111, 6.4626



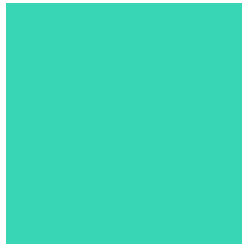
55.1190, -9.9187, 101.6276



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 163.4090, 9.1654, -93.3207 looks on a white background.

Color Contrast Check

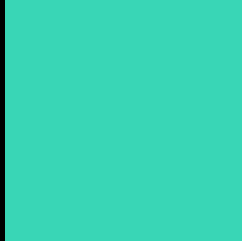
Large Text (above 18pt) WCAG AA × Fail

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 163.4090, 9.1654, -93.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

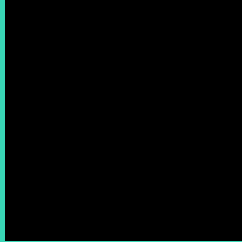
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

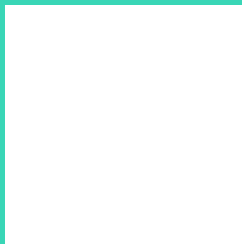
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.4090, 9.1654, -93.3207

Background



This preview shows how black text looks on a background with the YUV color 163.4090, 9.1654, -93.3207.

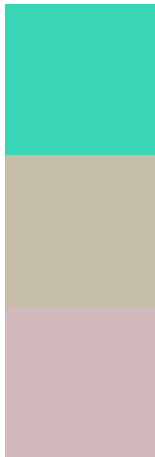


This preview shows how white text looks on a background with the YUV color 163.4090, 9.1654,

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

163.4090, 9.1654, -93.3207

Protanopia

189.4110, -10.0626, 7.5326

Deuteranopia

191.7460, -1.3538, 14.2548



Tritanopia

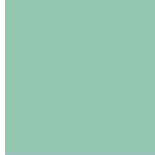
171.6660, 26.2937, -80.3911

Trichromacy



Original Color

163.4090, 9.1654, -93.3207



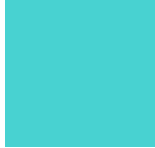
Protanomaly

180.0150, -2.9654, -28.9542



Deuteranomaly

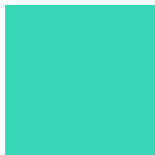
181.4160, 2.2599, -24.9208



Tritanomaly

168.6240, 19.9054, -84.7392

Monochromacy



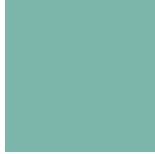
Original Color

163.4090, 9.1654, -93.3207



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.2900, 3.3080, -34.4573

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4090, 9.1654, -93.3207 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(57, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(57, 214, 182)  
}
```

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(57, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 214, 182) }
```

Border

The CSS property to change the border of an element to YUV 163.4090, 9.1654, -93.3207 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(57, 214, 182) }
```


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

```
.border{ border-color:rgb(57, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(57, 214,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 163.4090, 9.1654, -93.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 214, 182) }
```

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

```
.background{ background-color: rgb(57, 214,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor