

Converting Colors

YUV(155.7770, 14.4069,
-94.5204)

Have a look what the booklet for
YUV(155.7770, 14.4069, -94.5204)
contains.

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Color

**YUV(155.7770, 14.4069,
-94.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	30CDB9
RGB	48, 205, 185
RGB Percent	19%, 80%, 73%
CMY	0.8118, 0.1961, 0.2745
CMYK	0.77, 0.00, 0.10, 0.20
HSL	172°, 62%, 50%
HSV	172°, 77%, 80%
XYZ	31.8072, 47.7938, 53.4477
YIQ	155.7770, -87.1520, -39.5040

Conversions

Conversions Part 2

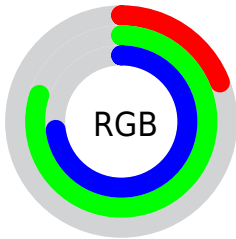
Format	Color
RYB	48, 132, 205
Decimal	3198393
CIELab	74.69, -43.79, -1.40
CIELCh	75, 43.812, 181.829
Yxy	47.7938, 0.2391, 0.3592
Android (android.graphics.Color)	4281388473 (0xFF30CDB9)
YUV	155.7770, 14.4069, -94.5204
Hunter-Lab	69.1331, -38.8574, 2.5553

Details

The YUV color **155.7770, 14.4069, -94.5204** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **97.2230, -14.4069, 94.5204**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0390, 13.7848, -81.5952**, and **103.0980, 14.2487, -90.4169** is the 20% darker color. If you saturate the color by 10%, you get **149.1560, 16.1921, -107.1308**, and if you desaturate by 10%, it is **162.3980, 12.6218, -81.9100**.

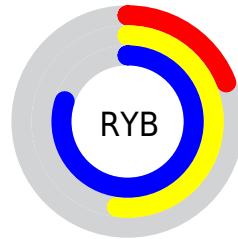
Distribution



Red (19%)

Green (80%)

Blue (73%)



Red (19%)

Yellow (52%)

Blue (80%)

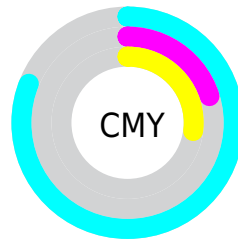


Cyan (77%)

Magenta (0%)

Yellow (10%)

Black (20%)



Cyan (81%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7770, 14.4069, -94.5204 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 155.7770, 14.4069, -94.5204 by changing the saturation by 10% instead.

■ 155.7770, 14.4069,
-94.5204

■ 155.7770, 14.4069,
-94.5204

■ 255.0000, 0.0000,
0.0000

■ 121.9110, 17.7919,
-106.9159

■ 213.0390, 13.7848,
-81.5952

■ 103.0980, 14.2487,
-90.4169

■ 223.9040, 15.3303,
-63.9368

■ 84.3990, 11.1423,
-74.0179

■ 233.1730, 10.7607,
-44.8787

■ 66.9880, 7.8939,
-58.7485

■ 242.1430, 6.3385,
-26.4354

■ 49.6910, 5.0823,
-43.5790

■ 251.4120, 1.7689,
-7.3773

■ 33.0950, 2.4182,
-29.0243

■ 17.3140, 0.3382,

-15.1844

■ 0.0000, 0.0000,
0.0000

■ 155.7770, 14.4069,
-94.5204

■ 155.7770, 14.4069,
-94.5204

■ 149.1560, 16.1921,
-107.1308

■ 162.3980, 12.6218,
-81.9100

■ 142.9480, 18.2666,
-119.2264

■ 168.6060, 10.5472,
-69.8145

■ 140.7410, 18.8617,
-123.4299

■ 175.2270, 8.7621,
-57.2041

■ 181.4350, 6.6875,
-45.1085

■ 188.0560, 4.9024,
-32.4981

■ 194.3780, 3.2646,
-20.5025

■ 200.8850, 1.0427,
-7.7921

■ 207.2070, -0.5951,
4.2035

■ 213.8280, -2.3802,
16.8138

Harmonies

Analogous

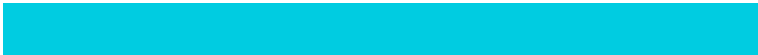
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.6740, -12.6573, -47.0721



155.7770, 14.4069, -94.5204



145.3980, 39.2438, -127.5140

Triad

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



155.7770, 14.4069, -94.5204



186.8010, 32.1431, 3.6825



183.3720, -34.2004, 49.6628

Complementary

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



155.7770, 14.4069, -94.5204



97.2230, -14.4069, 94.5204

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.



184.1190, -20.2717, 62.1626



155.7770, 14.4069, -94.5204



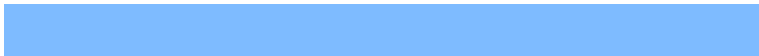
188.7320, 16.8941, 41.4540

Square

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



155.7770, 14.4069, -94.5204



176.5130, 38.6941, -44.2999



186.3310, -1.6422, 60.2227



180.3550, -38.6290, 23.3677

Rectangle

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



155.7770, 14.4069, -94.5204



146.0310, 49.2847, -128.0692



186.3310, -1.6422, 60.2227



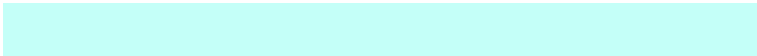
183.7410, -30.4383, 56.3551

Sweetspot

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



155.7770, 14.4069, -94.5204



236.5610, 5.6394, -35.5720



146.4380, -48.5299, -67.9131



116.6660, 3.1227, -21.6321



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.



155.7770, 14.4069, -94.5204



181.3150, 21.5367, -141.4733



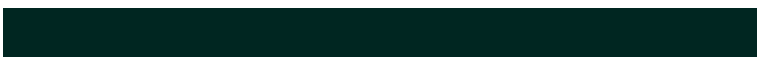
124.0110, 39.9276, -66.6616



98.8960, 1.0373, -6.0478



113.9720, 15.2968, -99.9534



26.0680, 3.4175, -22.8616

Inverse Universe

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



97.2230, -14.4069, 94.5204



93.6850, -21.5367, 141.4733



128.9890, -39.9276, 66.6616



95.1040, -1.0373, 6.0478



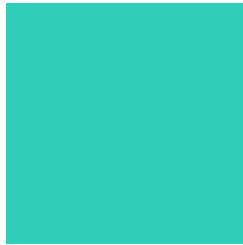
52.0280, -15.2968, 99.9534



11.9320, -3.4175, 22.8616

Previews

White Background



This preview shows how the YUV color 155.7770, 14.4069, -94.5204 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 155.7770, 14.4069, -94.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

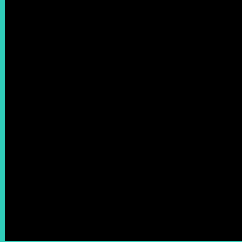
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

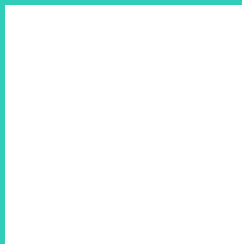
Any Text WCAG AAA ✓ Pass

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

YUV 155.7770, 14.4069, -94.5204 Background



This preview shows how black text looks on a background with the YUV color 155.7770, 14.4069, -94.5204.



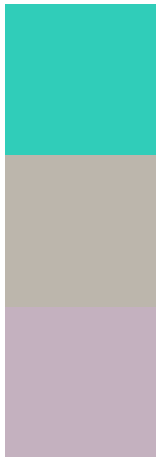
This preview shows how white text looks on a background with the YUV color 155.7770, 14.4069, -94.5204.

-94.5204.

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

155.7770, 14.4069, -94.5204

Protanopia

182.6540, -5.2524, 4.6884

Deuteranopia

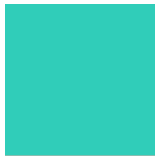
184.2770, 3.3144, 10.2811



Tritanopia

162.4700, 26.8833, -82.8502

Trichromacy



Original Color

155.7770, 14.4069, -94.5204



Protanomaly

172.6710, 2.1342, -31.2835



Deuteranomaly

173.7730, 7.5069, -27.8649



Tritanomaly

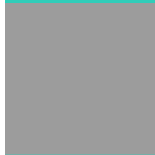
160.1830, 22.0948, -86.9835

Monochromacy



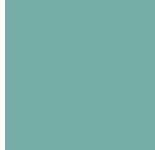
Original Color

155.7770, 14.4069, -94.5204



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.1590, 5.3446, -34.3424

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7770, 14.4069, -94.5204 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(48, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(48, 205, 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(48, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 205, 185) }
```

Border

The CSS property to change the border of an element to YUV 155.7770, 14.4069, -94.5204 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(48, 205, 185) }
```


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

```
.border{ border-color:rgb(48, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(48, 205,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 155.7770, 14.4069, -94.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 205, 185) }
```

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

```
.background{ background-color: rgb(48, 205,  
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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