

Converting Colors

YUV(159.1290, 24.0934,
-74.6581)

Have a look what the booklet for
YUV(159.1290, 24.0934, -74.6581)
contains.

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Color

**YUV(159.1290, 24.0934,
-74.6581)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC1D0
RGB	74, 193, 208
RGB Percent	29%, 76%, 82%
CMY	0.7098, 0.2431, 0.1843
CMYK	0.64, 0.07, 0.00, 0.18
HSL	187°, 59%, 55%
HSV	187°, 64%, 82%
XYZ	33.2792, 44.1498, 66.4423
YIQ	159.1290, -75.7390, -20.5630

Conversions

Conversions Part 2

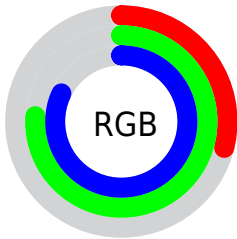
Format	Color
RYB	74, 137, 208
Decimal	4899280
CIELab	72.33, -28.32, -17.35
CIELCh	72, 33.208, 211.494
Yxy	44.1498, 0.2313, 0.3069
Android (android.graphics.Color)	4283089360 (0xFF4AC1D0)
YUV	159.1290, 24.0934, -74.6581
Hunter-Lab	66.4453, -26.8776, -12.7755

Details

The YUV color **159.1290, 24.0934, -74.6581** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **122.8710, -24.0934, 74.6581**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7830, 18.8410, -69.9697**, and **99.1490, 27.0415, -86.9537** is the 20% darker color. If you saturate the color by 10%, you get **151.6760, 27.7677, -86.5389**, and if you desaturate by 10%, it is **166.5820, 20.4191, -62.7774**.

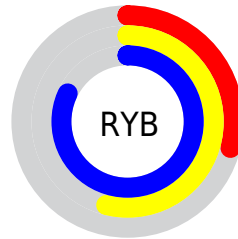
Distribution



Red (29%)

Green (76%)

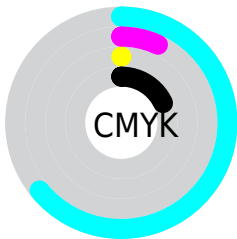
Blue (82%)



Red (29%)

Yellow (54%)

Blue (82%)

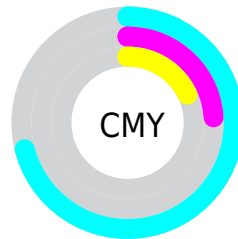


Cyan (64%)

Magenta (7%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1290, 24.0934, -74.6581 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 159.1290, 24.0934, -74.6581 by changing the saturation by 10% instead.

■ 159.1290, 24.0934,
-74.6581

■ 159.1290, 24.0934,
-74.6581

■ 255.0000, 0.0000,
0.0000

■ 128.1280, 25.5729,
-82.5503

■ 216.7830, 18.8410,
-69.9697

■ 99.1490, 27.0415,
-86.9537

■ 228.6880, 12.9718,
-54.1004

■ 80.9230, 23.2090,
-70.9695

■ 237.6580, 8.5496,
-35.6571

■ 63.3980, 19.5238,
-55.6000

■ 246.6280, 4.1274,
-17.2138

■ 46.5740, 15.9860,
-40.8454

■ 31.0380, 12.3063,
-27.2203

■ 13.8550, 9.9315,

-12.1508

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 159.1290, 24.0934,
-74.6581

■ 159.1290, 24.0934,
-74.6581

■ 151.6760, 27.7677,
-86.5389

■ 166.5820, 20.4191,
-62.7774

■ 143.6360, 31.7315,
-97.9048

■ 174.6220, 16.4554,
-51.4115

■ 136.4820, 35.2584,
-109.1707

■ 181.7760, 12.9284,
-40.1456

■ 132.3070, 37.3166,
-116.0332

■ 189.2290, 9.2541,
-28.2648

■ 197.2690, 5.2904,
-16.8989

■ 204.7220, 1.6161,
-5.0182

■ 212.1750, -2.0583,
6.8625

■ 219.9160, -5.8746,
17.6137

■ 225.5750, -8.6645,
25.8057

Harmonies

Analogous

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



162.2760, 7.7519, -59.8781



159.1290, 24.0934, -74.6581



164.6820, 32.2018, -61.9881

Triad

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



159.1290, 24.0934, -74.6581



181.8140, 12.4167, 30.8581



175.4390, -29.3034, 18.9090

Complementary

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



159.1290, 24.0934, -74.6581



122.8710, -24.0934, 74.6581

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.



178.0700, -26.1635, 38.5266



159.1290, 24.0934, -74.6581



180.8410, -1.8936, 47.4974

Square

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



159.1290, 24.0934, -74.6581



180.0260, 24.1442, 2.6082



179.4810, -16.0131, 49.5672



172.1800, -23.2597, -6.2969

Rectangle

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



159.1290, 24.0934, -74.6581



171.2160, 32.4315, -42.2854



179.4810, -16.0131, 49.5672



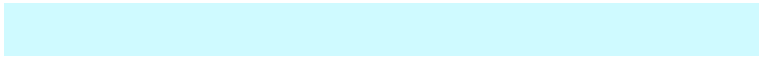
176.4830, -29.3251, 25.8864

Sweetspot

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



159.1290, 24.0934, -74.6581



237.7130, 8.5225, -26.9353



154.1400, -33.1000, -70.2828



116.6820, 5.5798, -16.3841



0.0000, 0.0000, 0.0000



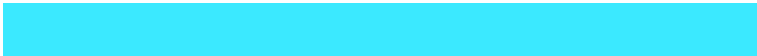
128.0000, 0.0000, 0.0000

Same Dimension

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



159.1290, 24.0934, -74.6581



183.4820, 35.2584, -109.1707



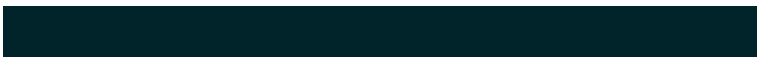
120.9740, 42.9038, -41.1962



100.5370, 2.2003, -5.7329



106.6150, 30.2628, -93.5014



25.8060, 7.4906, -22.6319

Inverse Universe

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



127.6320, 32.2264, 70.4827



137.4400, 47.1111, 103.1001



161.0260, -42.9038, 41.1962



98.3150, 2.3097, 5.8627



67.2180, 40.3185, 88.3858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 159.1290, 24.0934, -74.6581 looks on a white background.

Color Contrast Check

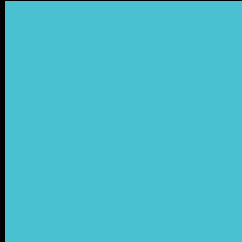
Large Text (above 18pt) WCAG AA × Fail

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 159.1290, 24.0934, -74.6581 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 159.1290, 24.0934, -74.6581 Background



This preview shows how black text looks on a background with the YUV color 159.1290, 24.0934, -74.6581.



This preview shows how white text looks on a background with the YUV color 159.1290, 24.0934, -74.6581.

-74.6581.

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

159.1290, 24.0934, -74.6581

Protanopia

176.7960, 9.4676, -3.3291

Deuteranopia

177.5710, 17.4665, -2.2548



Tritanopia

159.2430, 24.5302, -74.7581

Trichromacy



Original Color

159.1290, 24.0934, -74.6581

Protanomaly

170.5970, 14.4957, -29.4646

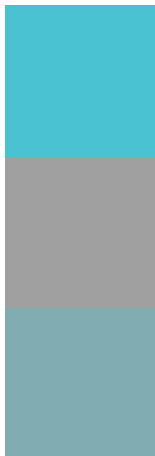
Deuteranomaly

170.9760, 19.7318, -28.9200

Tritanomaly

159.2430, 24.5302, -74.7581

Monochromacy



Original Color

159.1290, 24.0934, -74.6581

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8270, 8.9593, -27.0353

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1290, 24.0934, -74.6581 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(74, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(74, 193, 208)  
}
```

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(74, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 193, 208) }
```

Border

The CSS property to change the border of an element to YUV 159.1290, 24.0934, -74.6581 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(74, 193, 208) }
```


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

```
.border{ border-color:rgb(74, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(74, 193,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 159.1290, 24.0934, -74.6581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 193, 208) }
```

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

```
.background{ background-color: rgb(74, 193,  
208) }
```

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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