

Converting Colors

YUV(172.9370, 25.1741,
-94.6607)

Have a look what the booklet for
YUV(172.9370, 25.1741, -94.6607)
contains.

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Color

**YUV(172.9370, 25.1741,
-94.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	41DAE0
RGB	65, 218, 224
RGB Percent	25%, 85%, 88%
CMY	0.7451, 0.1451, 0.1216
CMYK	0.71, 0.03, 0.00, 0.12
HSL	182°, 72%, 57%
HSV	182°, 71%, 88%
XYZ	40.7059, 56.6484, 79.3098
YIQ	172.9370, -93.1140, -30.5700

Conversions

Conversions Part 2

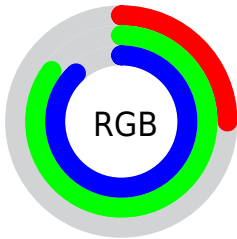
Format	Color
RYB	65, 143, 224
Decimal	4315872
CIELab	79.98, -36.83, -14.46
CIELCh	80, 39.566, 201.444
Yxy	56.6484, 0.2304, 0.3207
Android (android.graphics.Color)	4282505952 (0xFF41DAE0)
YUV	172.9370, 25.1741, -94.6607
Hunter-Lab	75.2652, -35.1752, -9.7906

Details

The YUV color **172.9370, 25.1741, -94.6607** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.0630, -25.1741, 94.6607**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1200, 17.6888, -73.7732**, and **114.3600, 26.9375, -100.2937** is the 20% darker color. If you saturate the color by 10%, you get **165.7720, 28.7064, -107.6710**, and if you desaturate by 10%, it is **180.1020, 21.6417, -81.6505**.

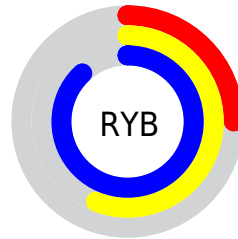
Distribution



Red (25%)

Green (85%)

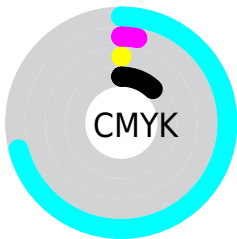
Blue (88%)



Red (25%)

Yellow (56%)

Blue (88%)

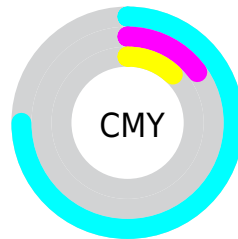


Cyan (71%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9370, 25.1741, -94.6607 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 172.9370, 25.1741, -94.6607 by changing the saturation by 10% instead.

172.9370, 25.1741,
-94.6607

172.9370, 25.1741,
-94.6607

255.0000, 0.0000,
0.0000

133.8740, 30.6281,
-117.4075

219.1200, 17.6888,
-73.7732

114.3600, 26.9375,
-100.2937

228.3890, 13.1192,
-54.7152

96.0200, 22.6681,
-84.2095

237.6580, 8.5496,
-35.6571

77.9080, 19.2724,
-68.3253

246.9270, 3.9800,
-16.5990

60.3830, 15.5872,
-52.9559

43.6730, 12.4862,
-38.3012

28.7240, 8.5171,

-25.1909

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 172.9370, 25.1741,
-94.6607

■ 172.9370, 25.1741,
-94.6607

■ 165.7720, 28.7064,
-107.6710

■ 180.1020, 21.6417,
-81.6505

■ 158.3080, 32.3862,
-121.2961

■ 187.5660, 17.9620,
-68.0254

■ 152.3280, 35.3343,
-133.5917

■ 194.7310, 14.4296,
-55.0151

■ 201.6080, 11.0393,
-40.8752

■ 208.7730, 7.5069,
-27.8649

■ 215.9380, 3.9746,
-14.8546

■ 223.4020, 0.2948,
-1.2296

■ 230.5670, -3.2375,
11.7807

■ 234.4430, -5.1484,
18.0285

Harmonies

Analogous

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



181.1630, 2.3846, -65.0410



172.9370, 25.1741, -94.6607



176.5150, 38.6931, -90.7827

Triad

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



172.9370, 25.1741, -94.6607



203.8550, 20.2845, 27.3142



196.6210, -35.3092, 31.9044

Complementary

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



172.9370, 25.1741, -94.6607



116.0630, -25.1741, 94.6607

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.



198.0930, -27.6538, 49.9074



172.9370, 25.1741, -94.6607



200.5620, 4.6529, 47.7421

Square

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



172.9370, 25.1741, -94.6607



198.5730, 27.8185, -9.2725



196.3440, -11.5086, 51.4413



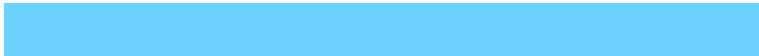
193.0580, -31.5806, 2.5801

Rectangle

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



172.9370, 25.1741, -94.6607



184.3440, 34.8334, -66.0767



196.3440, -11.5086, 51.4413



197.7190, -33.8785, 39.7114

Sweetspot

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



172.9370, 25.1741, -94.6607



237.6800, 8.5388, -32.1684



158.9030, -43.8292, -82.3529



117.2580, 5.2958, -18.6433



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.



172.9370, 25.1741, -94.6607



185.4210, 34.3024, -129.2882



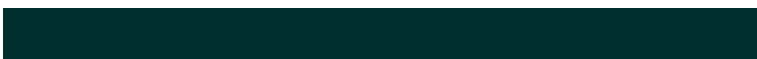
126.5640, 48.0359, -53.9916



108.7110, 1.6215, -6.7625



119.2670, 27.9694, -104.5972



33.0610, 7.3649, -28.9945

Inverse Universe

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



129.9830, 43.3924, 82.4529



126.7090, 59.3035, 112.5112



162.4360, -48.0359, 53.9916



105.5430, 3.1833, 5.6628



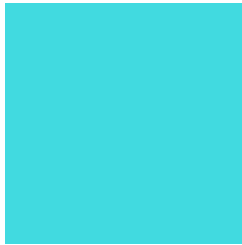
71.8900, 47.8752, 91.3045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 172.9370, 25.1741, -94.6607 looks on a white background.

Color Contrast Check

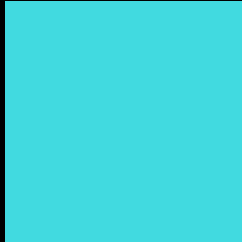
Large Text (above 18pt) WCAG AA × Fail

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 172.9370, 25.1741, -94.6607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

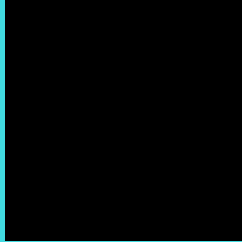
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

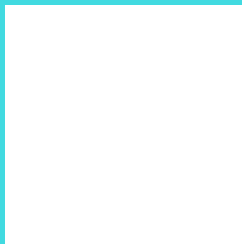
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.9370, 25.1741, -94.6607

Background



This preview shows how black text looks on a background with the YUV color 172.9370, 25.1741, -94.6607.

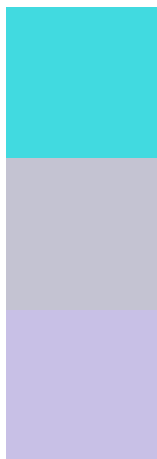


This preview shows how white text looks on a background with the YUV color 172.9370, 25.1741, -94.6607.

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

172.9370, 25.1741, -94.6607

Protanopia

197.0090, 6.4046, -0.8849

Deuteranopia

198.7240, 15.4191, 1.1191



Tritanopia

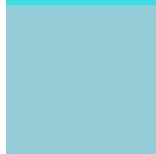
174.6970, 29.2364, -90.9423

Trichromacy



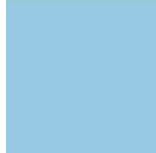
Original Color

172.9370, 25.1741, -94.6607



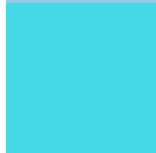
Protanomaly

187.9230, 13.3490, -35.0125



Deuteranomaly

189.1280, 19.1639, -33.4383



Tritanomaly

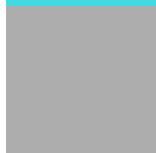
174.2300, 27.4946, -92.2867

Monochromacy



Original Color

172.9370, 25.1741, -94.6607



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.8970, 9.4178, -34.1127

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9370, 25.1741, -94.6607 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(65, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(65, 218, 224)  
}
```

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(65, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 218, 224) }
```

Border

The CSS property to change the border of an element to YUV 172.9370, 25.1741, -94.6607 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(65, 218, 224) }
```


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

```
.border{ border-color:rgb(65, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(65, 218,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 172.9370, 25.1741, -94.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 218, 224) }
```

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

```
.background{ background-color: rgb(65, 218,  
224) }
```

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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