

Converting Colors

YUV(154.6570, 29.7491,
-115.4632)

Have a look what the booklet for
YUV(154.6570, 29.7491, -115.4632)
contains.

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Color

**YUV(154.6570, 29.7491,
-115.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	17D2D7
RGB	23, 210, 215
RGB Percent	9%, 82%, 84%
CMY	0.9098, 0.1765, 0.1569
CMYK	0.89, 0.02, 0.00, 0.16
HSL	182°, 81%, 47%
HSV	182°, 89%, 84%
XYZ	35.6657, 51.1816, 72.2892
YIQ	154.6570, -113.0570, -38.0890

Conversions

Conversions Part 2

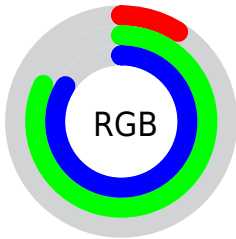
Format	Color
R_{YB}	23, 118, 215
Decimal	1561303
CIE _{Lab}	76.79, -39.31, -14.49
CIE _{LCh}	77, 41.899, 200.239
Yxy	51.1816, 0.2241, 0.3216
Android (android.graphics.Color)	4279751383 (0xFF17D2D7)
YUV	154.6570, 29.7491, -115.4632
Hunter-Lab	71.5413, -36.2093, -9.8309

Details

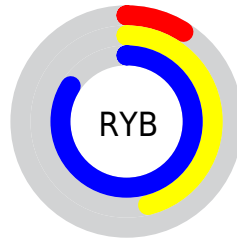
The YUV color **154.6570, 29.7491, -115.4632** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **83.3430, -29.7491, 115.4632**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **109.2250, 25.0321, -95.7903** is the 20% darker color. If you saturate the color by 10%, you get **147.4920, 33.2814, -128.4735**, and if you desaturate by 10%, it is **161.8220, 26.2168, -102.4529**.

Distribution



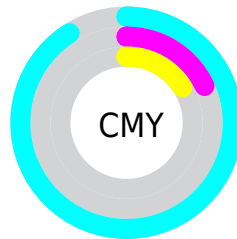
- Red (9%)
- Green (82%)
- Blue (84%)



- Red (9%)
- Yellow (46%)
- Blue (84%)



- Cyan (89%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (91%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6570, 29.7491, -115.4632 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 154.6570, 29.7491, -115.4632 by changing the saturation by 10% instead.

154.6570, 29.7491,
-115.4632

154.6570, 29.7491,
-115.4632

255.0000, 0.0000,
0.0000

128.1520, 29.0121,
-112.3893

212.5420, 20.9318,
-87.2983

109.2250, 25.0321,
-95.7903

222.4090, 16.0674,
-67.0107

90.4120, 21.4889,
-79.2913

231.9770, 11.3503,
-47.3378

72.8870, 17.8037,
-63.9219

241.5450, 6.6333,
-27.6650

55.4760, 14.5553,
-48.6525

250.8140, 2.0637,
-8.6069

38.6520, 11.0176,
-33.8978

23.9310, 7.9220,

-20.9875

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 154.6570, 29.7491,
-115.4632

■ 154.6570, 29.7491,
-115.4632

■ 147.4920, 33.2814,
-128.4735

■ 161.8220, 26.2168,
-102.4529

■ 147.1930, 33.4289,
-129.0883

■ 168.1010, 23.1212,
-89.5426

■ 174.9670, 19.7363,
-77.1471

■ 181.5450, 16.4933,
-63.6220

■ 188.7100, 12.9610,
-50.6117

■ 194.9890, 9.8654,
-37.7014

■ 202.1540, 6.3331,
-24.6911

■ 208.4330, 3.2375,
-11.7807

■ 215.5980, -0.2948,
1.2296

Harmonies

Analogous

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



170.1410, 2.3955, -68.5297



154.6570, 29.7491, -115.4632



157.5660, 44.5840, -113.6294

Triad

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



154.6570, 29.7491, -115.4632



194.6100, 21.8843, 27.5290



187.8770, -36.9144, 33.4339

Complementary

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



154.6570, 29.7491, -115.4632



83.3430, -29.7491, 115.4632

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.



190.0830, -29.1279, 56.0552



154.6570, 29.7491, -115.4632



193.4210, 5.2154, 54.0048

Square

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



154.6570, 29.7491, -115.4632



189.4030, 32.3393, -12.6314



188.9750, -11.8197, 57.9039



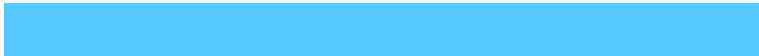
183.7870, -33.9120, 3.6948

Rectangle

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



154.6570, 29.7491, -115.4632



172.4720, 40.6863, -76.7129



188.9750, -11.8197, 57.9039



188.6870, -35.3417, 42.3705

Sweetspot

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



154.6570, 29.7491, -115.4632



233.1950, 10.7499, -41.3900



136.0460, -54.2527, -99.1413



114.5670, 6.6225, -24.1763



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.



154.6570, 29.7491, -115.4632



174.6460, 39.6145, -153.1645



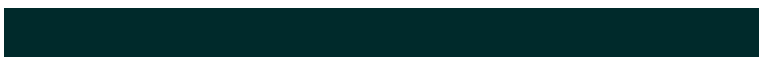
99.4790, 56.9519, -67.0721



103.7110, 1.6215, -6.7625



116.9360, 26.6536, -102.5529



29.5560, 6.6279, -25.9206

Inverse Universe

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



101.7260, 53.3791, 99.3413



104.5170, 70.7371, 131.9736



138.5210, -56.9519, 67.0721



100.5430, 3.1833, 5.6628



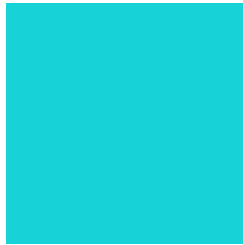
70.0530, 47.3019, 88.5305



17.6450, 12.0070, 22.2363

Previews

White Background



This preview shows how the YUV color 154.6570, 29.7491, -115.4632 looks on a white background.

Color Contrast Check

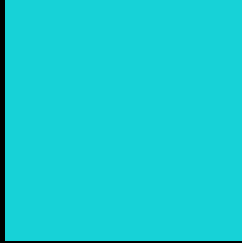
Large Text (above 18pt) WCAG AA × Fail

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 154.6570, 29.7491, -115.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

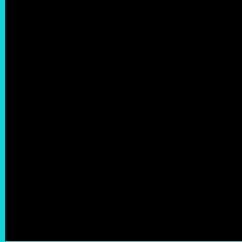
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

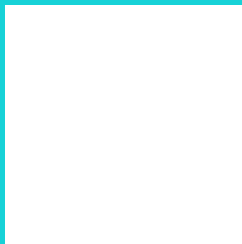
Any Text WCAG AAA ✓ Pass

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

YUV 154.6570, 29.7491, -115.4632 Background



This preview shows how black text looks on a background with the YUV color 154.6570, 29.7491, -115.4632.



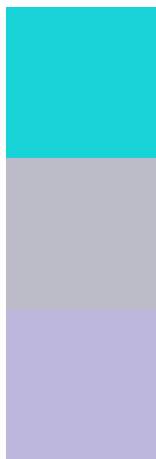
This preview shows how white text looks on a background with the YUV color 154.6570, 29.7491, -115.4632.

-115.4632.

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

154.6570, 29.7491, -115.4632

Protanopia

188.7810, 5.5310, -0.6849

Deuteranopia

189.4250, 15.5665, 0.5043



Tritanopia

159.4070, 32.3373, -105.5969

Trichromacy



Original Color

154.6570, 29.7491, -115.4632



Protanomaly

176.1070, 14.2442, -42.1898



Deuteranomaly

176.8280, 20.7908, -41.9452



Tritanomaly

157.7440, 31.1852, -109.4005

Monochromacy



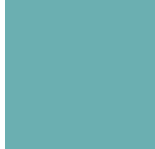
Original Color

154.6570, 29.7491, -115.4632



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.8960, 10.8973, -42.0048

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6570, 29.7491, -115.4632 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(23, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(23, 210, 215)  
}
```

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(23, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 210, 215) }
```

Border

The CSS property to change the border of an element to YUV 154.6570, 29.7491, -115.4632 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(23, 210, 215) }
```


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

```
.border{ border-color:rgb(23, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(23, 210,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 154.6570, 29.7491, -115.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 210, 215) }
```

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

```
.background{ background-color: rgb(23, 210,  
215) }
```

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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