

Converting Colors

YUV(154.3250, 36.8148,
-95.0010)

Have a look what the booklet for
YUV(154.3250, 36.8148, -95.0010)
contains.

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Color

**YUV(154.3250, 36.8148,
-95.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	2EC3E5
RGB	46, 195, 229
RGB Percent	18%, 76%, 90%
CMY	0.8196, 0.2353, 0.1020
CMYK	0.80, 0.15, 0.00, 0.10
HSL	191°, 78%, 54%
HSV	191°, 80%, 90%
XYZ	34.7847, 45.2682, 81.0330
YIQ	154.3250, -99.7180, -21.0140

Conversions

Conversions Part 2

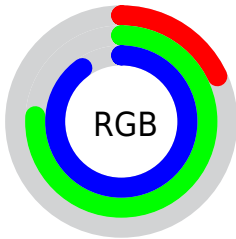
Format	Color
R _Y B	46, 128, 229
Decimal	3064805
CIE Lab	73.07, -26.27, -27.68
CIE LCh	73, 38.159, 226.497
Yxy	45.2682, 0.2159, 0.2810
Android (android.graphics.Color)	4281254885 (0xFF2EC3E5)
YUV	154.3250, 36.8148, -95.0010
Hunter-Lab	67.2816, -25.4582, -24.3109

Details

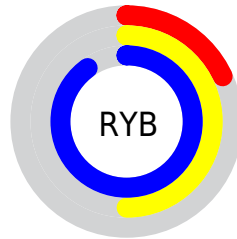
The YUV color **154.3250, 36.8148, -95.0010** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **120.6750, -36.8148, 95.0010**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4720, 20.4733, -80.2209**, and **102.4890, 34.7619, -89.8829** is the 20% darker color. If you saturate the color by 10%, you get **145.1000, 41.3627, -107.0817**, and if you desaturate by 10%, it is **163.5500, 32.2669, -82.9203**.

Distribution



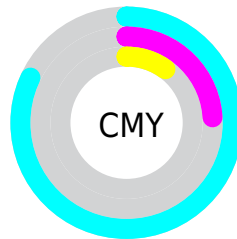
- Red (18%)
- Green (76%)
- Blue (90%)



- Red (18%)
- Yellow (50%)
- Blue (90%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3250, 36.8148, -95.0010 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 154.3250, 36.8148, -95.0010 by changing the saturation by 10% instead.

154.3250, 36.8148,
-95.0010

154.3250, 36.8148,
-95.0010

255.0000, 0.0000,
0.0000

121.5300, 39.1787,
-106.5818

213.4720, 20.4733,
-80.2209

102.4890, 34.7619,
-89.8829

224.8010, 14.8881,
-62.0925

84.2630, 30.9293,
-73.8987

234.3690, 10.1711,
-42.4196

66.6240, 26.8074,
-58.4292

243.6380, 5.6015,
-23.3615

50.2730, 22.5434,
-44.0894

252.9070, 1.0318,
-4.3034

34.0360, 18.7163,
-29.8496

17.9130, 15.3259,

-15.7097

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 154.3250, 36.8148,
-95.0010

■ 154.3250, 36.8148,
-95.0010

■ 145.1000, 41.3627,
-107.0817

■ 163.5500, 32.2669,
-82.9203

■ 135.2880, 46.2000,
-118.6476

■ 173.3620, 27.4295,
-71.3545

■ 182.5870, 22.8816,
-59.2738

■ 191.8120, 18.3337,
-47.1931

■ 201.0370, 13.7858,
-35.1124

■ 210.5500, 9.0958,
-24.1614

■ 219.7750, 4.5479,
-12.0807

■ 229.0000, 0.0000,
0.0000

■ 238.2250, -4.5479,
12.0807

Harmonies

Analogous

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



154.6450, 21.3740, -89.1427



154.3250, 36.8148, -95.0010



168.4250, 38.7375, -58.2547

Triad

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



154.3250, 36.8148, -95.0010



184.0180, 6.4001, 47.3422



174.7920, -31.4495, 7.1984

Complementary

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



154.3250, 36.8148, -95.0010



120.6750, -36.8148, 95.0010

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.



178.6150, -32.8412, 33.6636



154.3250, 36.8148, -95.0010



182.3170, -10.5093, 57.6040

Square

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



154.3250, 36.8148, -95.0010



183.8650, 21.7586, 21.1664



180.5000, -24.8965, 52.1815



170.5800, -20.0059, -23.3107

Rectangle

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



154.3250, 36.8148, -95.0010



176.3900, 35.3037, -30.1600



180.5000, -24.8965, 52.1815



176.3910, -33.2238, 16.3201

Sweetspot

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



154.3250, 36.8148, -95.0010



230.3040, 12.1751, -31.8386



157.2970, -38.1074, -97.6075



112.8280, 7.4798, -19.1432



0.0000, 0.0000, 0.0000



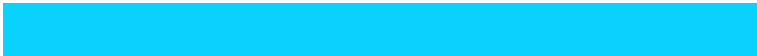
128.0000, 0.0000, 0.0000

Same Dimension

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



154.3250, 36.8148, -95.0010



155.3300, 49.1373, -127.4544



100.9080, 63.1494, -48.1543



110.2380, 2.3477, -6.3477



105.5210, 36.2251, -92.5419



30.4680, 10.1223, -26.7204

Inverse Universe

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



117.7030, 38.1074, 97.6075



106.0550, 51.2449, 130.6248



174.0920, -63.1494, 48.1543



107.7280, 2.5991, 6.3775



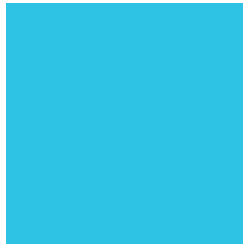
70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 154.3250, 36.8148, -95.0010 looks on a white background.

Color Contrast Check

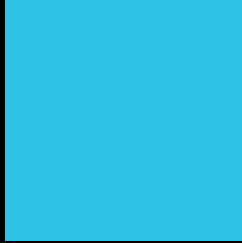
Large Text (above 18pt) WCAG AA × Fail

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 154.3250, 36.8148, -95.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

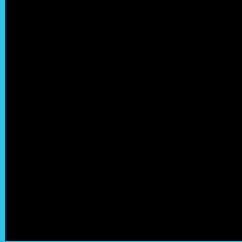
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3250, 36.8148, -95.0010

Background



This preview shows how black text looks on a background with the YUV color 154.3250, 36.8148, -95.0010.

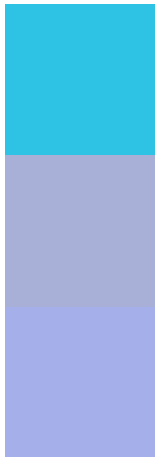


This preview shows how white text looks on a background with the YUV color 154.3250, 36.8148, -95.0010.

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

154.3250, 36.8148, -95.0010

Protanopia

178.4670, 18.5038, -8.3026

Deuteranopia

178.7360, 27.2452, -12.0465



Tritanopia

148.3960, 32.3428, -107.3413

Trichromacy



Original Color

154.3250, 36.8148, -95.0010

Protanomaly

169.6910, 25.2953, -40.0710

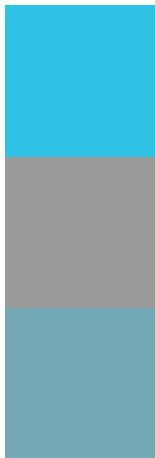
Deuteranomaly

169.7600, 30.6843, -41.8855

Tritanomaly

150.4720, 33.7843, -103.0229

Monochromacy



Original Color

154.3250, 36.8148, -95.0010

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2220, 13.2016, -34.3977

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3250, 36.8148, -95.0010 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(46, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(46, 195, 229)  
}
```

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(46, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 195, 229) }
```

Border

The CSS property to change the border of an element to YUV 154.3250, 36.8148, -95.0010 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(46, 195, 229) }
```


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

```
.border{ border-color:rgb(46, 195, 229) }
```

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

Here you see how a box with a 4 pixel rgb(46, 195, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(46, 195,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 154.3250, 36.8148, -95.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 195, 229) }
```

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

```
.background{ background-color: rgb(46, 195,  
229) }
```

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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