

# Converting Colors

YUV(154.9920, 41.9089,  
-95.5860)

Have a look what the booklet for  
YUV(154.9920, 41.9089, -95.5860)  
contains.

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# Color

**YUV(154.9920, 41.9089,  
-95.5860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EC2F0
RGB	46, 194, 240
RGB Percent	18%, 76%, 94%
CMY	0.8196, 0.2392, 0.0588
CMYK	0.81, 0.19, 0.00, 0.06
HSL	194°, 87%, 56%
HSV	194°, 81%, 94%
XYZ	36.1467, 45.4557, 89.3068
YIQ	154.9920, -102.9740, -17.0700

# Conversions

## Conversions Part 2

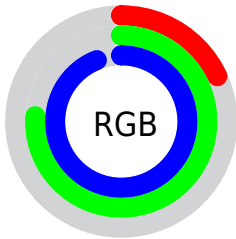
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 130, 240
Decimal	3064560
CIE <sub>Lab</sub>	73.19, -22.19, -33.44
CIE <sub>LCh</sub>	73, 40.129, 236.430
Yxy	45.4557, 0.2115, 0.2660
Android (android.graphics.Color)	4281254640 (0xFF2EC2F0)
YUV	154.9920, 41.9089, -95.5860
Hunter-Lab	67.4208, -22.2863, -31.3420

# Details

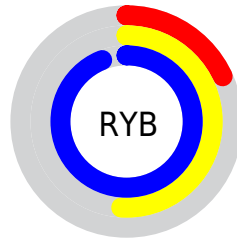
The YUV color **154.9920, 41.9089, -95.5860** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **131.0080, -41.9089, 95.5860**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4830, 20.4679, -78.4766**, and **103.1560, 39.8561, -90.4678** is the 20% darker color. If you saturate the color by 10%, you get **144.2940, 47.1831, -107.2518**, and if you desaturate by 10%, it is **165.6900, 36.6348, -83.9201**.

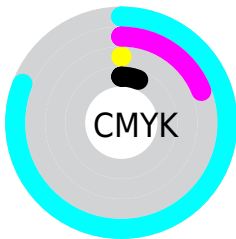
# Distribution



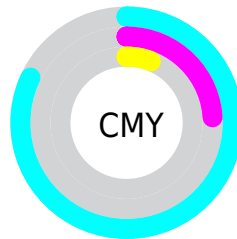
- Red (18%)
- Green (76%)
- Blue (94%)



- Red (18%)
- Yellow (51%)
- Blue (94%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (82%)
- Magenta (24%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.9920, 41.9089, -95.5860 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 154.9920, 41.9089, -95.5860 by changing the saturation by 10% instead.



■ 154.9920, 41.9089,  
-95.5860

■ 154.9920, 41.9089,  
-95.5860

■ 255.0000, 0.0000,  
0.0000

■ 122.1970, 44.2729,  
-107.1668

■ 213.4830, 20.4679,  
-78.4766

■ 103.1560, 39.8561,  
-90.4678

■ 225.3990, 14.5933,  
-60.8629

■ 85.4030, 35.2973,  
-74.8984

■ 234.9670, 9.8763,  
-41.1901

■ 67.7640, 31.1753,  
-59.4290

■ 244.2360, 5.3067,  
-22.1320

■ 50.7120, 26.7640,  
-44.4744

■ 253.8040, 0.5896,  
-2.4591

■ 35.0620, 22.6474,  
-30.7494

■ 19.5260, 18.9677,

-17.1243

■ 5.1640, 14.7091,  
-4.5288

■ 1.2540, 4.8048,  
-1.0998

■ 154.9920, 41.9089,  
-95.5860

■ 154.9920, 41.9089,  
-95.5860

■ 144.2940, 47.1831,  
-107.2518

■ 165.6900, 36.6348,  
-83.9201

■ 134.7810, 51.8730,  
-118.2029

■ 175.8010, 31.6501,  
-71.7395

■ 186.4990, 26.3760,  
-60.0736

■ 197.1970, 21.1019,  
-48.4078

■ 207.3080, 16.1172,  
-36.2271

■ 218.0060, 10.8430,  
-24.5613

■ 228.7040, 5.5689,  
-12.8954

■ 239.4020, 0.2948,  
-1.2296

■ 247.4200, -3.6581,  
6.6477

# Harmonies

## Analogous

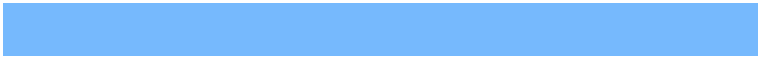
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142.0630, 33.9859, -121.0813



154.9920, 41.9089, -95.5860



172.7190, 39.5785, -47.9886

# Triad

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



154.9920, 41.9089, -95.5860



183.6940, 1.1369, 55.5194



173.3670, -30.2539, -2.9529

# Complementary

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



154.9920, 41.9089, -95.5860



131.0080, -41.9089, 95.5860

# 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.



177.5880, -35.2929, 26.6713



154.9920, 41.9089, -95.5860



181.8460, -16.1931, 60.6481

# Square

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



154.9920, 41.9089, -95.5860



184.9050, 17.7948, 32.5323



179.9250, -29.5430, 49.1778



168.1700, -14.8738, -36.1061



# Rectangle

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



154.9920, 41.9089, -95.5860



179.3530, 34.8290, -17.8496



179.9250, -29.5430, 49.1778



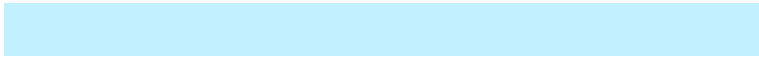
175.3360, -33.1966, 7.5983

# Sweetspot

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



154.9920, 41.9089, -95.5860



227.9560, 13.3327, -29.7794



165.0080, -36.4859, -104.3700



111.6540, 8.0586, -18.1136



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

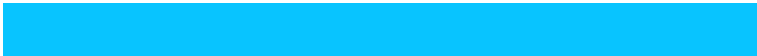


# Same Dimension

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



154.9920, 41.9089, -95.5860



146.5140, 53.4836, -121.4768



98.6400, 69.6905, -46.1653



114.6510, 2.6371, -5.8329



103.1560, 39.8561, -90.4678



31.6250, 12.0169, -27.7351



# Inverse Universe

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



120.8780, 36.0491, 104.4700



103.2850, 45.7085, 133.0541



187.3600, -69.6905, 46.1653



112.6140, 2.1623, 6.4775



70.9760, 34.0288, 99.1220

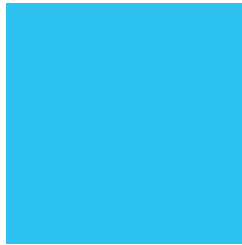


21.6460, 10.5275, 30.1285



# Previews

## White Background



This preview shows how the YUV color 154.9920, 41.9089, -95.5860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

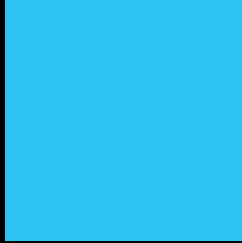
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.9920, 41.9089, -95.5860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

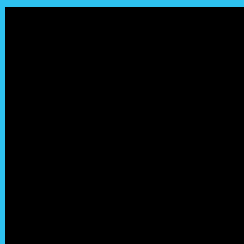
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

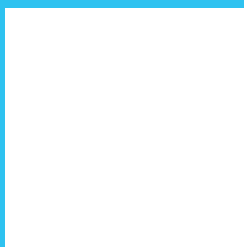
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 154.9920, 41.9089, -95.5860

## Background



This preview shows how black text looks on a background with the YUV color 154.9920, 41.9089, -95.5860.



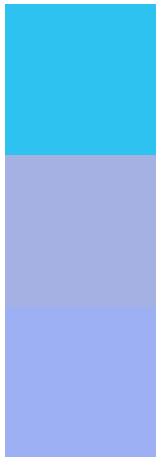
This preview shows how white text looks on a background with the YUV color 154.9920, 41.9089, -95.5860.

-95.5860.

# 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

154.9920, 41.9089, -95.5860

### Protanopia

178.5250, 23.8982, -11.8614

### Deuteranopia

178.3700, 32.3556, -17.8645



## Tritanopia

140.6220, 36.1754, -123.3255

# Trichromacy



## Original Color

154.9920, 41.9089, -95.5860

## Protanomaly

170.3470, 30.3949, -42.4003

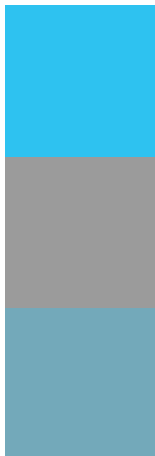
## Deuteranomaly

170.1060, 35.9367, -46.5740

## Tritanomaly

146.1440, 37.8900, -113.2593

# Monochromacy



## Original Color

154.9920, 41.9089, -95.5860

## Achromatopsia

155.0000, 0.0000, 0.0000

## Achromatomaly

154.7920, 15.3855, -34.8976

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.9920, 41.9089, -95.5860 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, 194, 240)` looks like.

```
.text, #text, p{  
    color:rgb(46, 194, 240)  
}
```

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, 194, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 194, 240) }
```

## Border

The CSS property to change the border of an element to YUV 154.9920, 41.9089, -95.5860 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, 194, 240) }
```



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

```
.border{ border-color:rgb(46, 194, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 194, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 194, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 194, 240);  
box-shadow:4px 4px 4px 4px rgb(46, 194,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 154.9920, 41.9089, -95.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 194, 240) }
```

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

```
.background{ background-color: rgb(46, 194,  
240) }
```

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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