

Converting Colors

YUV(163.3760, 29.3946,
-95.0458)

Have a look what the booklet for
YUV(163.3760, 29.3946, -95.0458)
contains.

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Color

**YUV(163.3760, 29.3946,
-95.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	37CFDF
RGB	55, 207, 223
RGB Percent	22%, 81%, 87%
CMY	0.7843, 0.1882, 0.1255
CMYK	0.75, 0.07, 0.00, 0.13
HSL	186°, 72%, 55%
HSV	186°, 75%, 87%
XYZ	37.2077, 50.7656, 77.6497
YIQ	163.3760, -95.7280, -27.2480

Conversions

Conversions Part 2

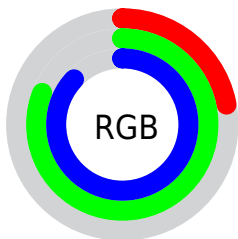
Format	Color
R _Y B	55, 135, 223
Decimal	3657695
CIE Lab	76.54, -33.10, -19.14
CIE LCh	77, 38.236, 210.037
Yxy	50.7656, 0.2247, 0.3065
Android (android.graphics.Color)	4281847775 (0xFF37CFDF)
YUV	163.3760, 29.3946, -95.0458
Hunter-Lab	71.2500, -31.4724, -14.7405

Details

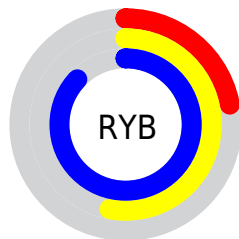
The YUV color **163.3760, 29.3946, -95.0458** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **114.6240, -29.3946, 95.0458**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **108.3760, 29.3946, -95.0458** is the 20% darker color. If you saturate the color by 10%, you get **155.6240, 33.2164, -107.5412**, and if you desaturate by 10%, it is **171.1280, 25.5729, -82.5503**.

Distribution



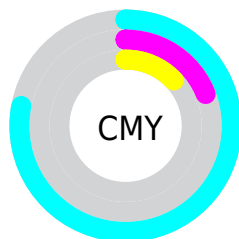
- Red (22%)
- Green (81%)
- Blue (87%)



- Red (22%)
- Yellow (53%)
- Blue (87%)



- Cyan (75%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (78%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3760, 29.3946, -95.0458 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 163.3760, 29.3946, -95.0458 by changing the saturation by 10% instead.

163.3760, 29.3946,
-95.0458

163.3760, 29.3946,
-95.0458

255.0000, 0.0000,
0.0000

127.3030, 33.3746,
-111.6447

217.0270, 18.7207,
-78.0767

108.3760, 29.3946,
-95.0458

226.2960, 14.1511,
-59.0186

90.0360, 25.1253,
-78.9616

235.5650, 9.5815,
-39.9605

71.9240, 21.7295,
-63.0773

244.8340, 5.0118,
-20.9024

54.9860, 17.7549,
-48.2227

254.4020, 0.2948,
-1.2296

38.2760, 14.6539,
-33.5681

23.9140, 10.3954,

-20.9726

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 163.3760, 29.3946,
-95.0458

■ 163.3760, 29.3946,
-95.0458

■ 155.6240, 33.2164,
-107.5412

■ 171.1280, 25.5729,
-82.5503

■ 147.5730, 37.1855,
-120.6515

■ 179.1790, 21.6038,
-69.4400

■ 143.9960, 38.9490,
-126.2845

■ 186.9310, 17.7820,
-56.9445

■ 194.6830, 13.9603,
-44.4490

■ 203.3210, 9.7017,
-31.8535

■ 211.0730, 5.8800,
-19.3580

■ 218.8250, 2.0583,
-6.8625

■ 226.5770, -1.7635,
5.6330

■ 234.3290, -5.5852,
18.1285

Harmonies

Analogous

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



170.1390, 8.8055, -71.1589



163.3760, 29.3946, -95.0458



171.4780, 38.2183, -78.4722

Triad

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



163.3760, 29.3946, -95.0458



194.2320, 15.1686, 34.8765



186.6090, -33.8242, 22.2679

Complementary

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



163.3760, 29.3946, -95.0458



114.6240, -29.3946, 95.0458

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.



188.9030, -29.5322, 45.6891



163.3760, 29.3946, -95.0458



192.9990, -1.4785, 54.3749

Square

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



163.3760, 29.3946, -95.0458



191.8670, 28.6596, 0.9936



190.7700, -17.6346, 56.3297



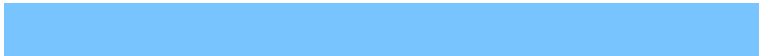
182.7410, -27.4803, -5.9119

Rectangle

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



163.3760, 29.3946, -95.0458



180.0020, 36.9740, -52.6218



190.7700, -17.6346, 56.3297



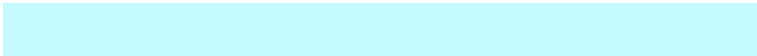
187.6640, -33.8514, 30.9897

Sweetspot

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



163.3760, 29.3946, -95.0458



233.8370, 10.4334, -33.1830



155.2120, -42.5025, -87.8859



114.8880, 6.4642, -20.0728



0.0000, 0.0000, 0.0000



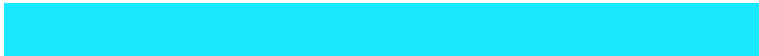
128.0000, 0.0000, 0.0000

Same Dimension

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



163.3760, 29.3946, -95.0458



173.3160, 40.2702, -130.0731



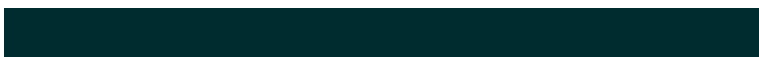
115.2420, 53.1247, -52.8322



108.1240, 1.9109, -6.2477



113.3970, 30.8633, -99.4492



31.3000, 8.2331, -27.4501

Inverse Universe

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



122.5600, 41.6289, 88.0859



117.4820, 56.9504, 120.6033



162.7580, -53.1247, 52.8322



105.4290, 2.7465, 5.7628



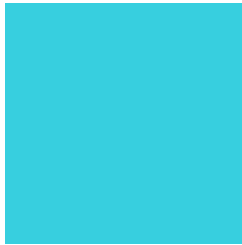
70.7500, 43.5072, 92.3042



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 163.3760, 29.3946, -95.0458 looks on a white background.

Color Contrast Check

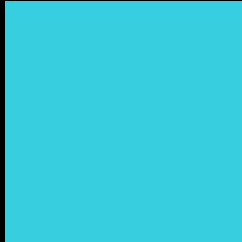
Large Text (above 18pt) WCAG AA × Fail

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 163.3760, 29.3946, -95.0458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

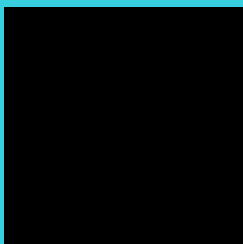
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

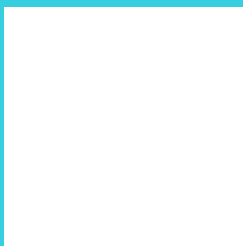
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.3760, 29.3946, -95.0458

Background



This preview shows how black text looks on a background with the YUV color 163.3760, 29.3946, -95.0458.



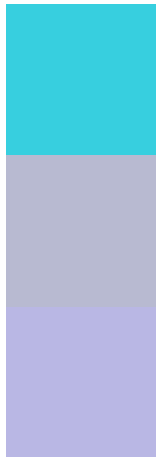
This preview shows how white text looks on a background with the YUV color 163.3760, 29.3946, -95.0458.

-95.0458.

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

163.3760, 29.3946, -95.0458

Protanopia

188.0240, 10.3412, -3.5290

Deuteranopia

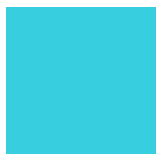
188.7280, 19.3611, -3.2695



Tritanopia

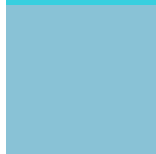
163.7890, 29.6840, -94.5310

Trichromacy



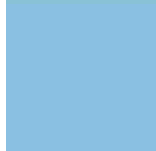
Original Color

163.3760, 29.3946, -95.0458



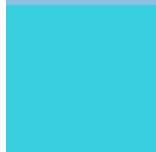
Protanomaly

179.2370, 17.1382, -37.0418



Deuteranomaly

179.7300, 22.8111, -36.5972



Tritanomaly

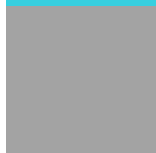
163.7890, 29.6840, -94.5310

Monochromacy



Original Color

163.3760, 29.3946, -95.0458



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.2390, 10.7282, -34.4126

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3760, 29.3946, -95.0458 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(55, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(55, 207, 223)  
}
```

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(55, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 207, 223) }
```

Border

The CSS property to change the border of an element to YUV 163.3760, 29.3946, -95.0458 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(55, 207, 223) }
```


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

```
.border{ border-color:rgb(55, 207, 223) }
```

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

Here you see how a box with a 4 pixel rgb(55, 207, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(55, 207,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 163.3760, 29.3946, -95.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 207, 223) }
```

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

```
.background{ background-color: rgb(55, 207,  
223) }
```

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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