

Converting Colors

YUV(137.7590, 38.5728,
-98.8896)

Have a look what the booklet for
YUV(137.7590, 38.5728, -98.8896)
contains.

YUV(137.7590, 38.5728, -98.8896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.7590, 38.5728,
-98.8896)**

Conversions

Conversions Part 1

Format	Color
Hex	19B4D8
RGB	25, 180, 216
RGB Percent	10%, 71%, 85%
CMY	0.9020, 0.2941, 0.1529
CMYK	0.88, 0.17, 0.00, 0.15
HSL	191°, 79%, 47%
HSV	191°, 88%, 85%
XYZ	29.1168, 37.8071, 70.7286
YIQ	137.7590, -103.9360, -21.6640

Conversions

Conversions Part 2

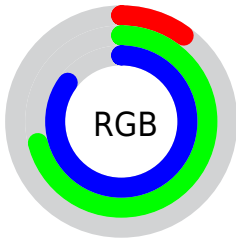
Format	Color
R _Y B	25, 111, 216
Decimal	1684696
CIE Lab	67.88, -24.49, -28.59
CIE LCh	68, 37.645, 229.425
Yxy	37.8071, 0.2115, 0.2747
Android (android.graphics.Color)	4279874776 (0xFF19B4D8)
YUV	137.7590, 38.5728, -98.8896
Hunter-Lab	61.4874, -23.0759, -25.1597

Details

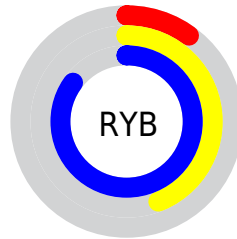
The YUV color **137.7590, 38.5728, -98.8896** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **103.2410, -38.5728, 98.8896**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4920, 26.8724, -79.3615**, and **92.9030, 33.5718, -81.4759** is the 20% darker color. If you saturate the color by 10%, you get **128.8330, 42.9733, -110.3555**, and if you desaturate by 10%, it is **146.6850, 34.1723, -87.4237**.

Distribution



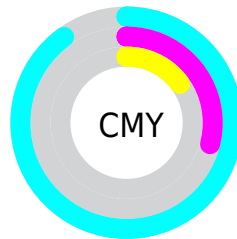
- Red (10%)
- Green (71%)
- Blue (85%)



- Red (10%)
- Yellow (44%)
- Blue (85%)



- Cyan (88%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (90%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7590, 38.5728, -98.8896 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 137.7590, 38.5728, -98.8896 by changing the saturation by 10% instead.

■ 137.7590, 38.5728,
-98.8896

■ 137.7590, 38.5728,
-98.8896

■ 255.0000, 0.0000,
0.0000

■ 111.2430, 37.8412,
-97.5601

■ 200.4920, 26.8724,
-79.3615

■ 92.9030, 33.5718,
-81.4759

■ 221.5120, 16.5096,
-68.8550

■ 75.2640, 29.4498,
-66.0065

■ 230.7810, 11.9400,
-49.7969

■ 57.6250, 25.3279,
-50.5371

■ 240.0500, 7.3704,
-30.7388

■ 41.3880, 21.5007,
-36.2973

■ 249.3190, 2.8007,
-11.6808

■ 26.9120, 16.8054,
-23.6018

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 137.7590, 38.5728,
-98.8896

■ 137.7590, 38.5728,
-98.8896

■ 128.8330, 42.9733,
-110.3555

■ 146.6850, 34.1723,
-87.4237

■ 127.3490, 43.7049,
-111.6851

■ 155.3120, 29.9192,
-76.5726

■ 164.2380, 25.5187,
-65.1067

■ 172.8650, 21.2656,
-54.2556

■ 181.7910, 16.8650,
-42.7897

■ 190.7170, 12.4645,
-31.3238

■ 199.3440, 8.2114,
-20.4727

■ 208.8570, 3.5215,
-9.5216

■ 217.4840, -0.7316,
1.3295

Harmonies

Analogous

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



136.2140, 25.0375, -97.5347



137.7590, 38.5728, -98.8896



155.5180, 37.7056, -53.9513

Triad

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



137.7590, 38.5728, -98.8896



169.5620, 4.6529, 47.7421



160.5250, -29.8388, 3.9246

Complementary

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



137.7590, 38.5728, -98.8896



103.2410, -38.5728, 98.8896

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.



163.7070, -32.3936, 30.0750



137.7590, 38.5728, -98.8896



167.9640, -11.8143, 56.1596

Square

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



137.7590, 38.5728, -98.8896



170.0070, 19.7165, 22.7959



166.3640, -25.3225, 48.7928



156.1390, -17.8165, -25.5549

Rectangle

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



137.7590, 38.5728, -98.8896



163.0700, 33.9825, -26.3714



166.3640, -25.3225, 48.7928



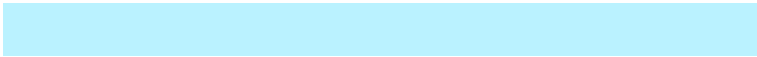
162.0100, -32.0499, 13.1462

Sweetspot

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



137.7590, 38.5728, -98.8896



226.7380, 13.9332, -35.7272



141.1070, -39.9858, -101.8258



111.0450, 8.3588, -21.0875



0.0000, 0.0000, 0.0000



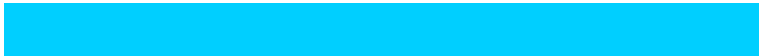
128.0000, 0.0000, 0.0000

Same Dimension

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



137.7590, 38.5728, -98.8896



150.5790, 51.4796, -132.0578



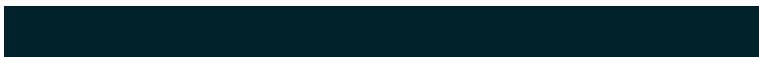
81.9940, 66.0650, -49.9837



102.5370, 2.2003, -5.7329



101.0870, 34.4671, -88.6533



25.4470, 8.6536, -22.3170

Inverse Universe

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



99.7790, 39.5490, 101.9258



99.8430, 52.8284, 136.0727



159.0060, -66.0650, 49.9837



100.3150, 2.3097, 5.8627



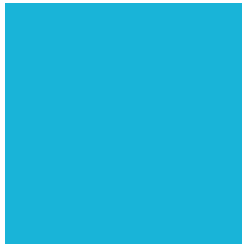
66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 137.7590, 38.5728, -98.8896 looks on a white background.

Color Contrast Check

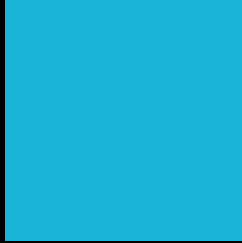
Large Text (above 18pt) WCAG AA × Fail

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 137.7590, 38.5728, -98.8896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

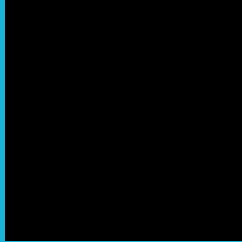
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 137.7590, 38.5728, -98.8896

Background



This preview shows how black text looks on a background with the YUV color 137.7590, 38.5728, -98.8896.



This preview shows how white text looks on a background with the YUV color 137.7590, 38.5728, -98.8896.

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

137.7590, 38.5728, -98.8896

Protanopia

164.2820, 19.0880, -9.0173

Deuteranopia

164.7250, 27.2506, -13.7908



Tritanopia

129.8790, 33.0907, -113.9039

Trichromacy



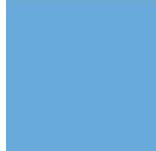
Original Color

137.7590, 38.5728, -98.8896



Protanomaly

154.9080, 26.1744, -42.0153



Deuteranomaly

155.2650, 31.4214, -44.9594



Tritanomaly

132.7810, 35.1110, -108.5559

Monochromacy



Original Color

137.7590, 38.5728, -98.8896



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.7380, 13.9332, -35.7272

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7590, 38.5728, -98.8896 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(25, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(25, 180, 216)  
}
```

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(25, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 180, 216) }
```

Border

The CSS property to change the border of an element to YUV 137.7590, 38.5728, -98.8896 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(25, 180, 216) }
```


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

```
.border{ border-color:rgb(25, 180, 216) }
```

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

Here you see how a box with a 4 pixel rgb(25, 180, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(25, 180,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 137.7590, 38.5728, -98.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 180, 216) }
```

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

```
.background{ background-color: rgb(25, 180,  
216) }
```

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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