

Converting Colors

YUV(137.6710, 38.6162,
-112.8445)

Have a look what the booklet for
YUV(137.6710, 38.6162, -112.8445)
contains.

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Color

**YUV(137.6710, 38.6162,
-112.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	09BCD8
RGB	9, 188, 216
RGB Percent	4%, 74%, 85%
CMY	0.9647, 0.2627, 0.1529
CMYK	0.96, 0.13, 0.00, 0.15
HSL	188°, 92%, 44%
HSV	188°, 96%, 85%
XYZ	30.4905, 40.9824, 71.2691
YIQ	137.6710, -115.6720, -29.2400

Conversions

Conversions Part 2

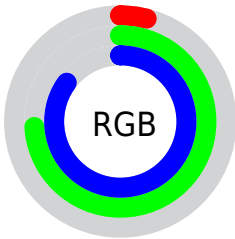
Format	Color
R_{YB}	9, 105, 216
Decimal	638168
CIE _{Lab}	70.16, -29.12, -25.09
CIE _{LCh}	70, 38.438, 220.755
Yxy	40.9824, 0.2136, 0.2871
Android (android.graphics.Color)	4278828248 (0xFF09BCD8)
YUV	137.6710, 38.6162, -112.8445
Hunter-Lab	64.0175, -27.0138, -21.1939

Details

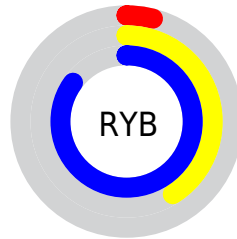
The YUV color **137.6710, 38.6162, -112.8445** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **87.3290, -38.6162, 112.8445**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8780, 24.7101, -85.8390**, and **97.0120, 31.5461, -85.0795** is the 20% darker color. If you saturate the color by 10%, you get **134.3930, 40.2323, -117.8627**, and if you desaturate by 10%, it is **146.0100, 34.5051, -100.8638**.

Distribution



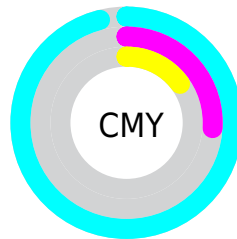
- Red (4%)
- Green (74%)
- Blue (85%)



- Red (4%)
- Yellow (41%)
- Blue (85%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (96%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6710, 38.6162, -112.8445 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 137.6710, 38.6162, -112.8445 by changing the saturation by 10% instead.

■ 137.6710, 38.6162,
-112.8445

■ 137.6710, 38.6162,
-112.8445

■ 255.0000, 0.0000,
0.0000

■ 115.9390, 35.5261,
-101.6785

■ 204.8780, 24.7101,
-85.8390

■ 97.0120, 31.5461,
-85.0795

■ 220.6150, 16.9518,
-70.6994

■ 79.3730, 27.4241,
-69.6101

■ 230.1830, 12.2348,
-51.0265

■ 61.7340, 23.3021,
-54.1407

■ 239.4520, 7.6652,
-31.9684

■ 44.9100, 19.7644,
-39.3861

■ 249.0200, 2.9481,
-12.2955

■ 29.9610, 15.7952,
-26.2758

■ 6.9080, 16.3144,

-6.0583

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 137.6710, 38.6162,
-112.8445

■ 137.6710, 38.6162,
-112.8445

■ 134.3930, 40.2323,
-117.8627

■ 146.0100, 34.5051,
-100.8638

■ 154.0500, 30.5414,
-89.4978

■ 162.3890, 26.4302,
-77.5172

■ 170.4290, 22.4665,
-66.1512

■ 178.7680, 18.3554,
-54.1705

■ 187.1070, 14.2442,
-42.1898

■ 194.5600, 10.5699,
-30.3091

■ 202.8990, 6.4588,
-18.3284

■ 210.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



146.4450, 18.0216, -87.2133



137.6710, 38.6162, -112.8445



156.8860, 39.4962, -68.3060

Triad

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



137.6710, 38.6162, -112.8445



175.7940, 9.4686, 43.1537



167.5970, -32.3393, 12.6314

Complementary

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



137.6710, 38.6162, -112.8445



87.3290, -38.6162, 112.8445

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.



171.1640, -32.1259, 37.5672



137.6710, 38.6162, -112.8445



174.2290, -7.0149, 56.8042

Square

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



137.6710, 38.6162, -112.8445



175.8040, 24.2536, 14.2039



172.6080, -21.9917, 53.8408



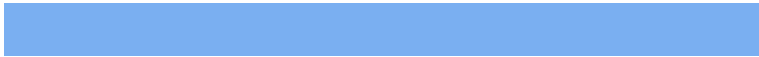
163.8150, -23.0798, -17.3778

Rectangle

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



137.6710, 38.6162, -112.8445



166.6770, 36.6412, -39.1817



172.6080, -21.9917, 53.8408



169.3100, -33.6768, 21.6531

Sweetspot

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



137.6710, 38.6162, -112.8445



227.0040, 13.8020, -40.3455



133.7010, -47.6736, -109.3628



110.4360, 8.6591, -24.0614



0.0000, 0.0000, 0.0000



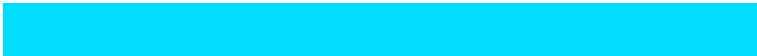
128.0000, 0.0000, 0.0000

Same Dimension

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



137.6710, 38.6162, -112.8445



158.7970, 47.4281, -139.2650



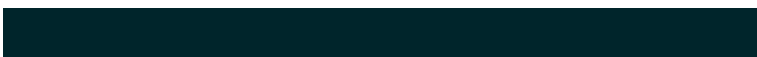
77.2100, 68.4235, -59.8202



103.1240, 1.9109, -6.2477



106.3700, 31.8626, -93.2865



26.6210, 8.0748, -23.3466

Inverse Universe

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



91.2990, 47.6736, 109.3628



101.4390, 58.9436, 134.6730



147.7900, -68.4235, 59.8202



100.4290, 2.7465, 5.7628



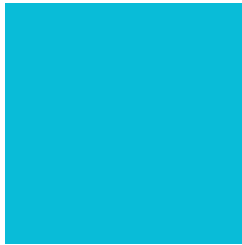
68.0010, 39.4395, 90.3301



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 137.6710, 38.6162, -112.8445 looks on a white background.

Color Contrast Check

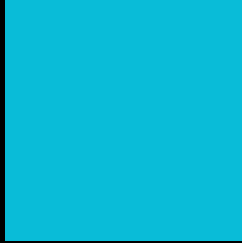
Large Text (above 18pt) WCAG AA × Fail

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 137.6710, 38.6162, -112.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

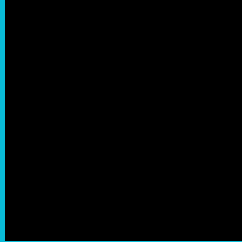
Any Text WCAG AA ✓ Pass

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 137.6710, 38.6162, -112.8445 Background



This preview shows how black text looks on a background with the YUV color 137.6710, 38.6162, -112.8445.

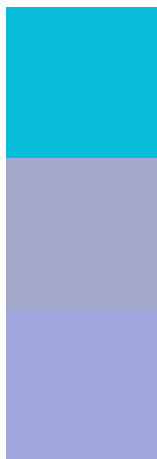


This preview shows how white text looks on a background with the YUV color 137.6710, 38.6162, -112.8445.

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

137.6710, 38.6162, -112.8445

Protanopia

171.0820, 15.7356, -7.0879

Deuteranopia

171.0630, 24.6189, -9.7023



Tritanopia

134.1990, 34.4119, -117.6925

Trichromacy



Original Color

137.6710, 38.6162, -112.8445

Protanomaly

159.0170, 24.1486, -45.6189

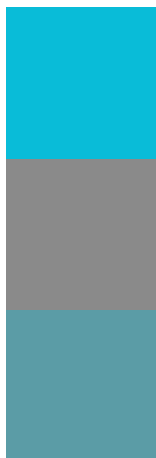
Deuteranomaly

159.0860, 29.5376, -47.4334

Tritanomaly

135.5520, 35.7169, -116.2481

Monochromacy



Original Color

137.6710, 38.6162, -112.8445

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7050, 13.9494, -40.9603

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6710, 38.6162, -112.8445 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(9, 188, 216)` looks like.

```
.text, #text, p{  
    color:rgb(9, 188, 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(9, 188, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 188, 216) }
```

Border

The CSS property to change the border of an element to YUV 137.6710, 38.6162, -112.8445 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(9, 188, 216) }
```


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

```
.border{ border-color:rgb(9, 188, 216) }
```

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

Here you see how a box with a 4 pixel rgb(9, 188, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 188, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 188, 216);  
box-shadow:4px 4px 4px 4px rgb(9, 188,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 137.6710, 38.6162, -112.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 188, 216) }
```

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

```
.background{ background-color: rgb(9, 188,  
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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