

Converting Colors

YUV(138.9740, 42.4108,
-116.6182)

Have a look what the booklet for
YUV(138.9740, 42.4108, -116.6182)
contains.

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Color

**YUV(138.9740, 42.4108,
-116.6182)**

Conversions

Conversions Part 1

Format	Color
Hex	06BEE1
RGB	6, 190, 225
RGB Percent	2%, 75%, 88%
CMY	0.9765, 0.2549, 0.1176
CMYK	0.97, 0.16, 0.00, 0.12
HSL	190°, 95%, 45%
HSV	190°, 97%, 88%
XYZ	32.0792, 42.3019, 77.7085
YIQ	138.9740, -120.8990, -28.1230

Conversions

Conversions Part 2

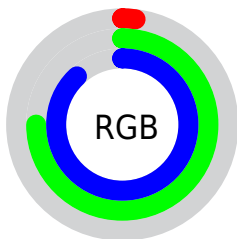
Format	Color
R _{YB}	6, 106, 225
Decimal	442081
CIE _{Lab}	71.08, -27.22, -28.60
CIE _{LCh}	71, 39.477, 226.415
Y _{xy}	42.3019, 0.2109, 0.2781
Android (android.graphics.Color)	4278632161 (0xFF06BEE1)
YUV	138.9740, 42.4108, -116.6182
Hunter-Lab	65.0399, -25.7795, -25.3107

Details

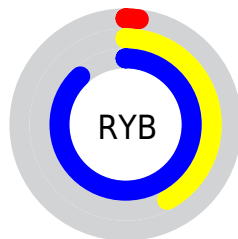
The YUV color **138.9740, 42.4108, -116.6182** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **92.0260, -42.4108, 116.6182**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6500, 23.8365, -85.6391**, and **99.2120, 34.8985, -87.0089** is the 20% darker color. If you saturate the color by 10%, you get **136.5930, 43.5847, -119.7921**, and if you desaturate by 10%, it is **148.1990, 37.8629, -104.5375**.

Distribution



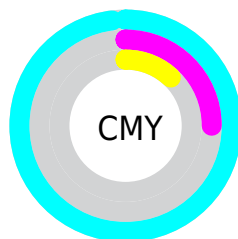
- Red (2%)
- Green (75%)
- Blue (88%)



- Red (2%)
- Yellow (42%)
- Blue (88%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (98%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9740, 42.4108, -116.6182 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 138.9740, 42.4108, -116.6182 by changing the saturation by 10% instead.

138.9740, 42.4108,
-116.6182

138.9740, 42.4108,
-116.6182

255.0000, 0.0000,
0.0000

118.1390, 38.8785,
-103.6079

206.6500, 23.8365,
-85.6391

99.2120, 34.8985,
-87.0089

221.2130, 16.6570,
-69.4698

81.4590, 30.3397,
-71.4395

230.7810, 11.9400,
-49.7969

63.8200, 26.2177,
-55.9701

240.0500, 7.3704,
-30.7388

46.9960, 22.6800,
-41.2155

249.6180, 2.6533,
-11.0660

31.3460, 18.5634,
-27.4904

11.8150, 17.3462,

-10.3618

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 138.9740, 42.4108,
-116.6182

■ 138.9740, 42.4108,
-116.6182

■ 136.5930, 43.5847,
-119.7921

■ 148.1990, 37.8629,
-104.5375

■ 156.5380, 33.7518,
-92.5568

■ 165.7630, 29.2038,
-80.4762

■ 174.1020, 25.0927,
-68.4955

■ 183.3270, 20.5448,
-56.4148

■ 192.2530, 16.1443,
-44.9489

■ 200.8910, 11.8857,
-32.3534

■ 209.8170, 7.4852,
-20.8875

■ 218.4550, 3.2267,
-8.2920

Harmonies

Analogous

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



143.9640, 24.1747, -100.8234



138.9740, 42.4108, -116.6182



161.7450, 40.0587, -62.0434

Triad

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



138.9740, 42.4108, -116.6182



178.7300, 6.5421, 48.4718



169.5640, -32.3231, 7.3984

Complementary

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



138.9740, 42.4108, -116.6182



92.0260, -42.4108, 116.6182

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.



172.6860, -33.8622, 34.4784



138.9740, 42.4108, -116.6182



176.3280, -10.5147, 59.3483

Square

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



138.9740, 42.4108, -116.6182



178.3920, 22.4847, 21.5812



174.9840, -25.6281, 53.5110



164.7540, -20.5847, -24.3403

Rectangle

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



138.9740, 42.4108, -116.6182



170.7210, 36.6195, -32.2043



174.9840, -25.6281, 53.5110



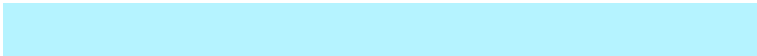
170.5760, -33.8080, 17.0348

Sweetspot

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



138.9740, 42.4108, -116.6182



225.8300, 14.3808, -39.3159



138.3150, -48.9623, -116.0403



109.8490, 8.9484, -23.5466



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.



138.9740, 42.4108, -116.6182



154.6880, 49.4538, -135.6614



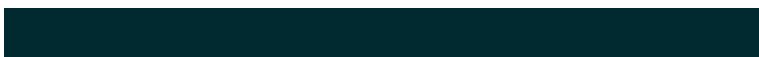
76.1650, 73.3757, -61.5347



107.5370, 2.2003, -5.7329



106.9400, 34.0466, -93.7864



29.5390, 9.1013, -25.9057

Inverse Universe

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



92.4570, 48.0887, 116.2402



100.6410, 55.8860, 135.3728



154.8350, -73.3757, 61.5347



105.3150, 2.3097, 5.8627



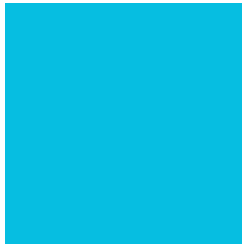
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 138.9740, 42.4108, -116.6182 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 138.9740, 42.4108, -116.6182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

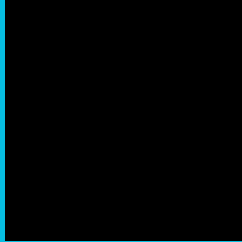
Any Text WCAG AA ✓ Pass

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 138.9740, 42.4108, -116.6182 Background



This preview shows how black text looks on a background with the YUV color 138.9740, 42.4108, -116.6182.

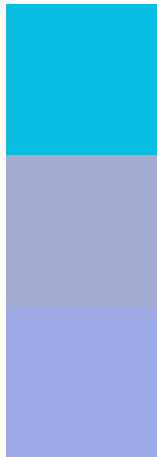


This preview shows how white text looks on a background with the YUV color 138.9740, 42.4108, -116.6182.

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

138.9740, 42.4108, -116.6182

Protanopia

173.1680, 18.6512, -8.9173

Deuteranopia

173.2520, 27.9768, -13.3760



Tritanopia

136.3020, 34.8541, -119.5369

Trichromacy



Original Color

138.9740, 42.4108, -116.6182



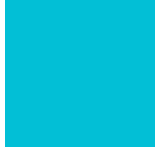
Protanomaly

160.8040, 27.2116, -48.0631



Deuteranomaly

160.6880, 33.1848, -50.5924



Tritanomaly

137.1110, 37.9063, -118.4923

Monochromacy



Original Color

138.9740, 42.4108, -116.6182



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.3350, 15.1178, -42.3898

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9740, 42.4108, -116.6182 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(6, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(6, 190, 225)  
}
```

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(6, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 190, 225) }
```

Border

The CSS property to change the border of an element to YUV 138.9740, 42.4108, -116.6182 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(6, 190, 225) }
```


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

```
.border{ border-color:rgb(6, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(6, 190,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 138.9740, 42.4108, -116.6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 190, 225) }
```

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

```
.background{ background-color: rgb(6, 190,  
225) }
```

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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